

*CENTRAL FLORIDA
EXPRESSWAY AUTHORITY*

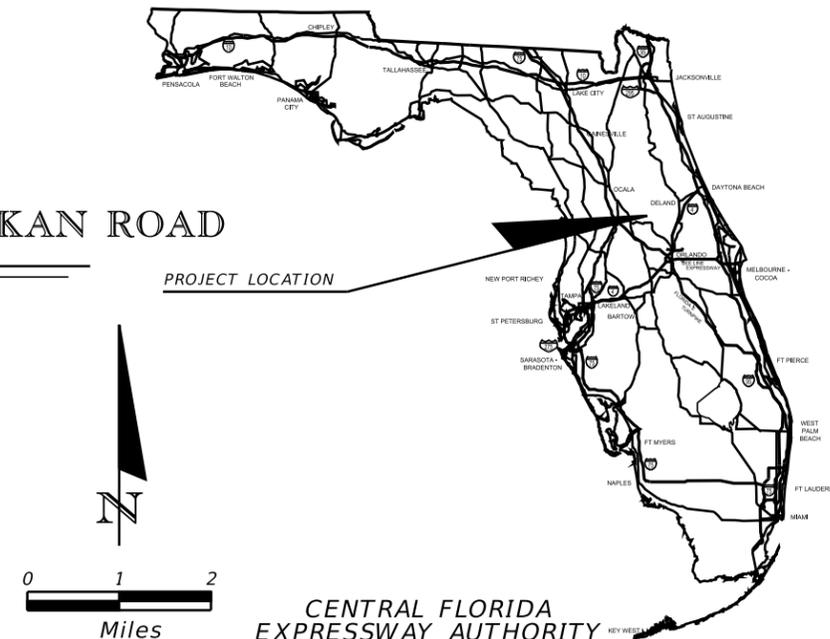
SR 429 WEKIVA PARKWAY
FROM NORTH OF S.R. 500 (U.S. 441) TO NORTH OF PONKAN ROAD

ORANGE COUNTY
WEKIVA PARKWAY-PROJECT NUMBER: 429-202

AESTHETIC PLANS

INDEX OF AESTHETIC PLANS

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CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
BOARD MEMBERS

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WALTER A. KETCHAM, JR.	BOARD MEMBER
JAY MADARA	BOARD MEMBER
S. MICHAEL SHEERINGA	BOARD MEMBER

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
610 CRESCENT EXECUTIVE COURT
SUITE 400
LAKE MARY, FL 32746
PHONE NO. (407) 805-0355
CONTRACT NO. C-8F86
VENDOR NO. VF-431623092001
CERT. OF AUTH. NO. 6500

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

WEKIVA PARKWAY - 429-202
APPROVED FOR CONSTRUCTION
MAY 2015

AESTHETIC PLANS
ENGINEER OF RECORD: CHRISTOPHER J. MILLS, P.E.

P.E. NO.: 56801

SHEET
NO.
AP-00

CFX PROJECT MANAGER: GLENN PRESSIMONE, P.E

GENERAL NOTES

1. AESTHETICS PLANS ARE DIAGRAMMATIC AND FOR ILLUSTRATIVE AND DESCRIPTIVE PURPOSES ONLY. REFER TO BRIDGE AND ROADWAY PLANS FOR PROJECT SPECIFIC DIMENSIONAL REQUIREMENTS AND DETAILS.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ADJUSTING LAYOUT OF AESTHETIC COMPONENTS TO CONFORM TO BRIDGE AND WALL CONSTRUCTION PLANS DIMENSIONS AND REQUIREMENTS.
3. ALL MANUFACTURERS FINISHES, PATTERNS, AND COLORS ARE AS SHOWN, OR SHALL BE APPROVED BY THE AUTHORITY. REFER TO MATERIALS AND FINISHES SCHEDULE FOR MORE INFORMATION.
4. THE CONTRACTOR SHALL PROVIDE SUBMITTALS AND SAMPLES FOR ALL NECESSARY MATERIALS, COMPONENTS, AND ACCESSORIES, INCLUDING COLOR, FINISH, ETC. FOR REVIEW AND APPROVAL BY THE AUTHORITY.
5. ALL COLORS ARE FEDERAL STANDARD 595B (JULY 1994) COLORS OR SHERWIN WILLIAMS (SW) COLORS, UNLESS OTHERWISE NOTED. REFER TO COLOR SCHEDULE FOR MORE INFORMATION.

ARCHITECTURAL PRECAST NOTES (ALL PRECAST EXCLUDING MSE WALL PANELS AND COPINGS)

1. ALL JOINT SEALERS SHALL CONFORM TO THE SPECIFICATIONS AND MATCH SELECTED COLOR THEME.
2. AFTER PROJECT AWARD, CONTRACTOR SHALL FABRICATE UP TO SIX (6) SAMPLES (5' X 5') OF APPROPRIATE THICKNESS TO ILLUSTRATE CONFORMANCE WITH QUALITY, FINISH, AND SURFACE TEXTURE OF MOCK-UP SAMPLE. SAMPLE(S) SHALL BE REVIEWED AND APPROVED BY THE AUTHORITY PRIOR TO CONSTRUCTION.
3. CAULK ALL HORIZONTAL JOINTS AFTER COATING APPLICATION. ALL CAULKS AND SEALANTS SHALL MATCH THE COLOR OF THE SURROUNDING MATERIAL AS CLOSELY AS POSSIBLE, AS DETERMINED BY THE AUTHORITY.
4. PROVIDE PRECAST SAMPLES ON CONSTRUCTION SITE AT CEI TRAILER OR AS DIRECTED BY CEI.
5. ONCE AUTHORITY APPROVAL IS OBTAINED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SAMPLE(S) AT NO COST TO THE AUTHORITY.
6. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE ARCHITECTURAL PRECAST SAMPLES SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE PRECAST PANEL ARCHITECTURAL PAY ITEM.
7. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH, INSTALL, COAT, AND CAULK THE ARCHITECTURAL PRECAST SHALL BE INCIDENTAL TO THE PRECAST PANEL ARCHITECTURAL PAY ITEM.

CAST STONE MEDALLION NOTES

1. CAST STONE CUSTOM LOGO MEDALLIONS SHALL BE:
 PINEAPPLE GROVE DESIGNS:
 SCULPTSTONE MEDALLIONS
 CUSTOM PANELS – TOLL 429 SHIELD / CUSTOM LOGO

ADDRESS:
 151 COMMERCE ROAD
 BOYNTON BEACH, FL 33426

MEDALLION SIZES

CUSTOM MOLD A – 36" x 36" TOLL 429 SHIELD / CUSTOM LOGO
 CUSTOM MOLD B – 72" x 72" TOLL 429 SHIELD / CUSTOM LOGO
 COLOR – ALLUVIAL SAND

PHONE: (800) 771-4595
 PHONE: (561) 588-8920
 FAX: (561) 586-0845
 HTTP://WWW.PINEAPPLEGROVE.COM

2. CAST STONE CUSTOM LOGO MEDALLIONS ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO MATERIALS AND FINISHES SCHEDULE AND PLANS FOR MORE INFORMATION ABOUT SIZE, COLOR, AND LOCATION ETC.
3. IF MEDALLIONS MUST BE STORED UPON DELIVERY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL MATERIALS ARE SECURE AND FULLY PROTECTED FROM THE ELEMENTS.
4. INSTALL MEDALLIONS PER MANUFACTURER SPECIFICATIONS.
5. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
6. THE COST OF EACH CUSTOM MOLD(S) FOR CAST STONE LOGO MEDALLIONS SHALL BE INCIDENTAL TO THE ARCHITECTURAL PRECAST PAY ITEM.
7. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE CAST STONE LOGO MEDALLIONS SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ARCHITECTURAL PRECAST PAY ITEM.

SIDEWALK NOTES

1. SIDEWALKS UNDER BRIDGES SHALL BE COLORED WITH LITHOCHROME COLOR HARDENER #A-53 ARIZONA TAN OR AUTHORITY APPROVED EQUAL. COLOR HARDENER SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. SUBMIT TWO SAMPLE PANELS FOR REVIEW AND AUTHORITY APPROVAL. PROVIDE JOINT SEALER TO MATCH HARDENER. SAMPLES TO BE LOCATED ON PROJECT SITE AT A LOCATION DETERMINED BY THE AUTHORITY.
2. ONCE AUTHORITY APPROVAL IS OBTAINED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SAMPLE(S) AT NO COST TO THE AUTHORITY.
3. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE COLORED SIDEWALKS SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE SIDEWALK PAY ITEM.

ALUMINUM BEAM GRATING NOTES

1. ALUMINUM GRATING SHALL COMPLY WITH ASTM B21, ALLOY 6061-T6 OR 6063-TL. GRATING GRIDS SHALL NOT PASS A 2" SPHERE AND A 1" MAXIMUM GAP SHALL BE MAINTAINED BETWEEN THE GRATING AND THE BRIDGE STRUCTURE. GRATING SHALL BE SECURELY FASTENED IN SUCH AS WAY THAT WILL ALLOW FOR REMOVAL AND BRACED AS NECESSARY IN ORDER TO RESIST WIND LOAD PER THE FLORIDA BUILDING CODE. BRACING SHALL BE BLACK IN COLOR.
2. CALCULATIONS AND SHOP DRAWINGS FOR GRATING AND BRACING SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AND SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL.
3. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS TO FURNISH AND INSTALL THE BEAM GRATING SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR ARCHITECTURAL WORK PAY ITEM.

RETAINING WALL/FORMLINER NOTES

1. ALL WALLS SHALL USE 5' X 5' PANELS ONLY.
2. RADIUS FOR CURVED WALLS SHALL BE AS SHOWN IN PLANS (MIN. 100' RADIUS).
3. CONTRACTORS ARE REQUIRED TO VIEW AUTHORITY APPROVED FORMLINER MOCK-UP PANEL PRIOR TO BIDDING. ALL CONSTRUCTED FEATURES SHALL MATCH AUTHORITY APPROVED MOCK-UP PANEL. FOR ACCESS TO THE AUTHORITY APPROVED FORMLINER MOCK-UP PANEL, CONTACT:
 PHILLIP MORAW/RALPH DELEON
 SEMINOLE PRECAST MANUFACTURING, INC.
 PHONE: (386) 668-7745
4. AFTER PROJECT AWARD, CONTRACTOR SHALL FABRICATE UP TO SIX (6) SAMPLES (5' X 5') OF APPROPRIATE THICKNESS TO ILLUSTRATE CONFORMANCE WITH QUALITY, FINISH, AND SURFACE TEXTURE OF MOCK-UP SAMPLE. SAMPLE(S) SHALL BE REVIEWED AND APPROVED BY THE AUTHORITY PRIOR TO CONSTRUCTION.
5. MOCK-UP SAMPLES SHALL BE DELIVERED TO PROJECT SITE AT CEI CONSTRUCTION TRAILER OR AS DIRECTED BY CEI.
6. ONCE AUTHORITY APPROVAL IS OBTAINED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SAMPLE(S) AT NO COST TO THE AUTHORITY.
7. ALL FORMLINED CONCRETE SHALL BE COLORED BY SPECIAL STAINING PROCESS. REFER TO SPECIAL PROVISION – APPLYING COLOR STAIN SYSTEM NOTES FOR MORE INFORMATION.
8. REFER TO WALL COLOR SCHEDULE FOR SELECTED COLOR SCHEME.
9. REFER TO SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, CARE AND PLACEMENT OF ELASTOMERIC FORMLINERS.
10. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE FORMLINED CONCRETE SAMPLES SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE WALL PAY ITEM.
11. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE FORMLINED CONCRETE COLOR STAIN COATING SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ELEMENT BEING COATED.



FORMLINER MOCK-UP PANEL

APPLYING COLOR STAIN SYSTEM

1. NO COLOR STAINING SHALL BE APPLIED TO A SIMULATED STONE SURFACE/FORMLINED CONCRETE UNTIL 28 DAYS AFTER PRECASTING.
2. CLEAN SURFACE PRIOR TO APPLICATION OF STAIN MATERIALS TO ASSURE THAT SURFACE IS FREE OF LATENCY, DIRT, DUST, GREASE, EFFLORESCENCE, PAINT, OR OTHER FOREIGN MATERIAL. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR SURFACE PREPARATION. DO NOT SANDBLAST.
3. REFER TO SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, AND OTHER CONCRETE STAINING REQUIREMENTS.
4. THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO PREPARE, CLEAN AND COAT THE WALL USING THE SHERWIN WILLIAMS/H+C COLOR STAIN COATING SYSTEM SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ELEMENT BEING COATED.

SIMULATED STONE FORMLINER

1. REFER TO THE SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, AND CONSTRUCTION OF SIMULATED STONE FORMLINERS.
2. FORMLINERS SHALL BE MANUFACTURED BY:
 CUSTOMROCK FORMLINERS
 202 WEST 7TH STREET
 ST. PAUL, MINNESOTA 55116
 PHONE: (651) 699-1345
 FAX: (651) 699-1830
 E-MAIL: INFO@CUSTOMROCK.COM
3. THE COST OF SPECIFIED FORMLINERS SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ELEMENT REQUIRING THE FORMLINER.

REVISIONS				ENGINEER OF RECORD: G. JOHN HORNBECK, P.E. LIC. NO. 56791 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	AESTHETICS GENERAL NOTES AND INFORMATION (1 OF 3)	SHEET NO. AP-01
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			

MISCELLANEOUS ELEMENTS AND SIGNS

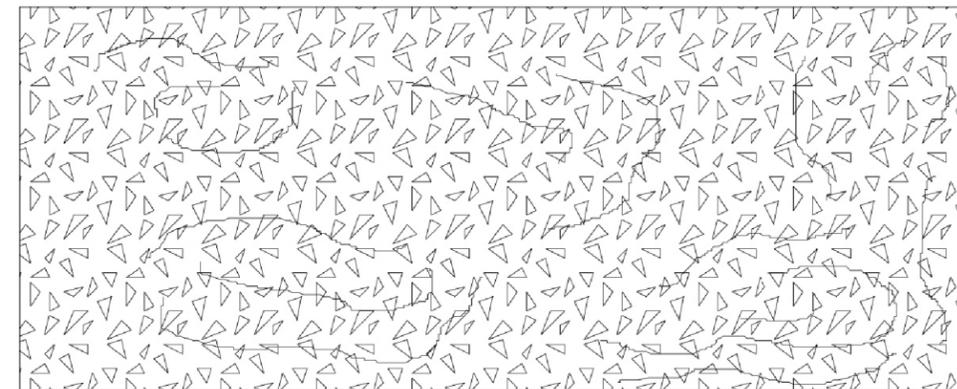
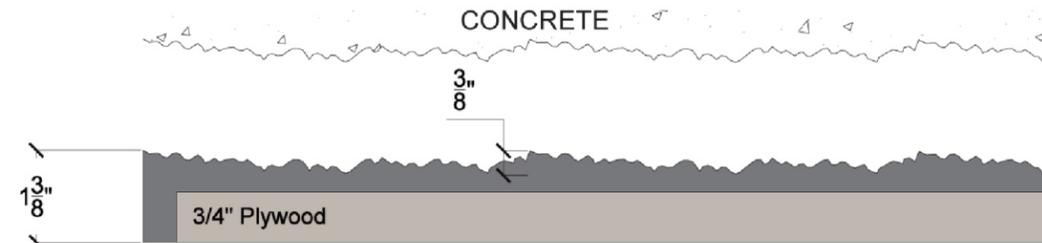
- ALL ITS CABINETS, LIGHT POLES AND FIXTURES, BEAM GRATING, AND TOLL GANTRY BUILDING ROOFS SHALL BE A SEMI-GLOSS 'THERMOSET POWDER COAT PAINT FINISH' FEDERAL COLOR NUMBER #20062 - DARK BRONZE. SUBMIT SAMPLE FOR AUTHORITY APPROVAL PRIOR TO FABRICATION.
- PROPOSED GROUND MOUNTED SINGLE AND MULTI-POST SIGN ASSEMBLIES SHALL BE PAINTED. ALL PROPOSED POSTS, ATTACHMENT HARDWARE AND BACK OF SIGN PANELS SHALL BE PAINTED BLACK BY EACH COMPONENT FABRICATOR. THE BLACK PAINT SHALL BE A SEMI-GLOSS 'THERMOSET POWDER COAT PAINT FINISH', FEDERAL COLOR NUMBER 27038. THE BACK OF PANEL STICKER CONTAINING THE OWNER AND FABRICATION INFORMATION SHALL BE APPLIED AFTER PAINTING PROCESS IS COMPLETED. SAMPLES FROM EACH COMPONENT FABRICATOR SHALL BE SUBMITTED FOR APPROVAL BY THE AUTHORITY PRIOR TO FABRICATION.
- THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO PROVIDE 'THERMOSET POWDER COAT PAINT FINISH' SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ELEMENT BEING COATED.
- TOLL GANTRY TRUSSES SHALL BE COATED WITH A HIGH PERFORMANCE TOP COAT SYSTEM. A THREE COAT SYSTEM IS REQUIRED REGARDLESS OF ENVIRONMENTAL CLASSIFICATIONS. THE COLOR SHALL BE FEDERAL COLOR NUMBER #20062 - DARK BRONZE. SUBMIT SAMPLE FOR AUTHORITY APPROVAL PRIOR TO FABRICATION. THE COST OF COATING SHALL BE INCIDENTAL TO THE COST OF THE TRUSSES.

GENERAL COATING AND STAINING NOTES

- CONCRETE FINISH SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND SPECIAL PROVISIONS, UNLESS OTHERWISE NOTED.
- ALL EXPOSED SURFACES SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS. SURFACES SHALL BE CLEANED IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO RECEIVING TREATMENT. THE COST FOR CLEANING AND COATING SURFACES SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE OF THE ELEMENT BEING COATED.
- CLASS V FINISH SHALL BE SHERWIN WILLIAMS TEXTURE COATING B97 SERIES.
- ALL CLASS V SURFACES SHALL RECEIVE TWO MATCHING PIGMENTED LAYERS OF COATINGS. THE TWO PIGMENTED LAYERS SHALL CONSIST OF THE FOLLOWING:
 - FIRST PIGMENTED COATING - SHERWIN WILLIAMS B97 SERIES CLASS V COATING
 - SECOND MATCHING PIGMENTED COATING - SHERWIN WILLIAMS DTM ACYLIC B66-200 SERIES
- THE APPLIED COATING THICKNESS AND CURE TIME SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- THE CLASS V FINISH COATING SHALL CONSIST OF LIGHT SANDBLAST TEXTURE, UNLESS OTHERWISE NOTED.
- ALL SIMULATED STONE SURFACES/FORMLINED CONCRETE (MSE PANELS, ARCHITECTURAL PRECAST PANELS, CAST IN PLACE WALLS) SHALL BE COLORED BY A SPECIAL STAINING PROCESS. REFER TO SPECIAL PROVISIONS AND STAINING NOTES FOR REQUIREMENTS RELATED TO STAINING.
- STAIN SHALL BE SHERWIN WILLIAMS/H+C AS DISTRIBUTED BY SHERWIN WILLIAMS.
- CONTRACTOR SHALL SCHEDULE A PRE-COATING MEETING WITH THE AUTHORITY TWO WEEKS PRIOR TO COATING. CONTRACTOR SHALL PREPARE AN EXHIBIT TO SHOW THEIR PLAN FOR PAINTING/STAINING THE VARIOUS COMPONENTS WITH COLORS, FINISHES, AND MATERIALS CLEARLY DEFINED.
- THE COST OF ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO PREPARE, CLEAN AND COAT USING THE SHERWIN WILLIAMS TEXTURE COATING SYSTEM AND SPECIAL COLOR STAIN PROCESS SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ELEMENT BEING COATED.

**Pattern #T304
Fractured Granite**

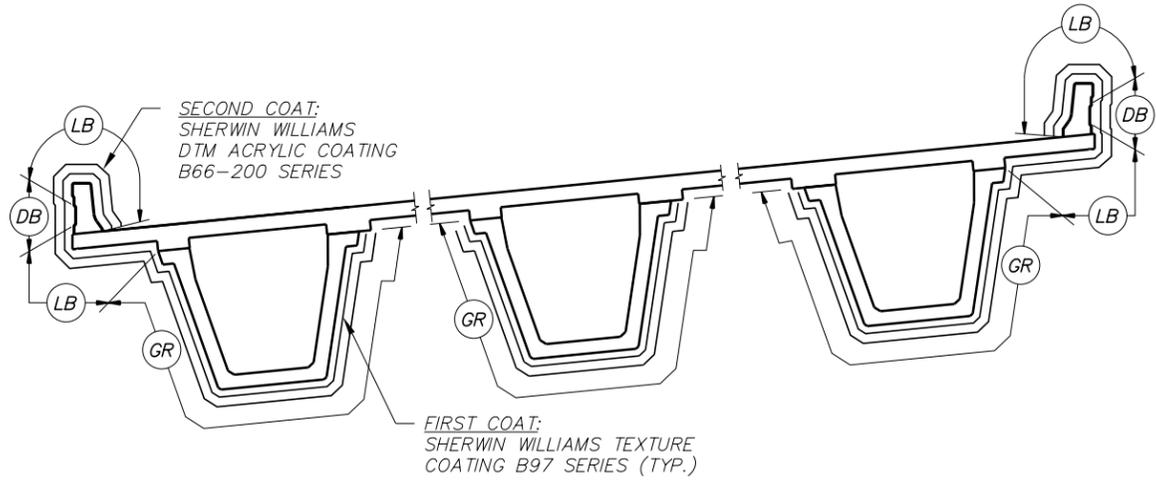
customrock
FORMLINER



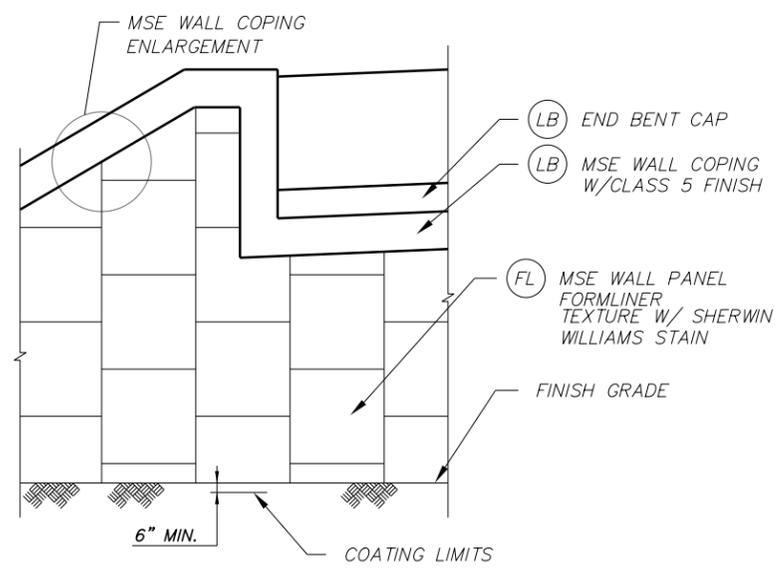
SCHEDULE OF ARCHITECTURAL PAY ITEMS			
PAY ITEM	ITEM DESCRIPTION	LOCATION	PLAN SHEET
400-10	PRECAST COLUMNS AND MEDALLIONS	CONNECTOR ROAD CLOSURE WALL CW1	AP12 - AP19
		CONNECTOR ROAD CLOSURE WALL CW2	
		SOUTHFORK ROAD RETAINING WALL RW3	
		SOUTHFORK ROAD RETAINING WALL RW4	
		LOW AREA RETAINING WALL RWS AND RW6	
400-10A	ARCHITECTURAL PANELS AT LOW AREA	SB AND NB LOW AREA BRIDGES	AP-15, B51-B54
400-10B	CLOSURE WALLS	CONNECTOR ROAD CLOSURE WALL CW1	AP-13, B72-BW77A
		CONNECTOR ROAD CLOSURE WALL CW2	
735-73	ALUMINUM MESH GRATING	NB AND SB OVER CONNECTOR ROAD	AP-01, AP-13 TO AP-18
		NB AND SB OVER SOUTHFORK	
		RAMP C	
		RAMP D	
		NB AND SB OVER LOW AREA	
		BELGIAN STREET	
		YOTHERS ROAD	
		NB AND SB OVER PONKAN	

* FOR ADDITIONAL PAY ITEM NOTES, SEE SHEETS AP-01 AND AP-02.

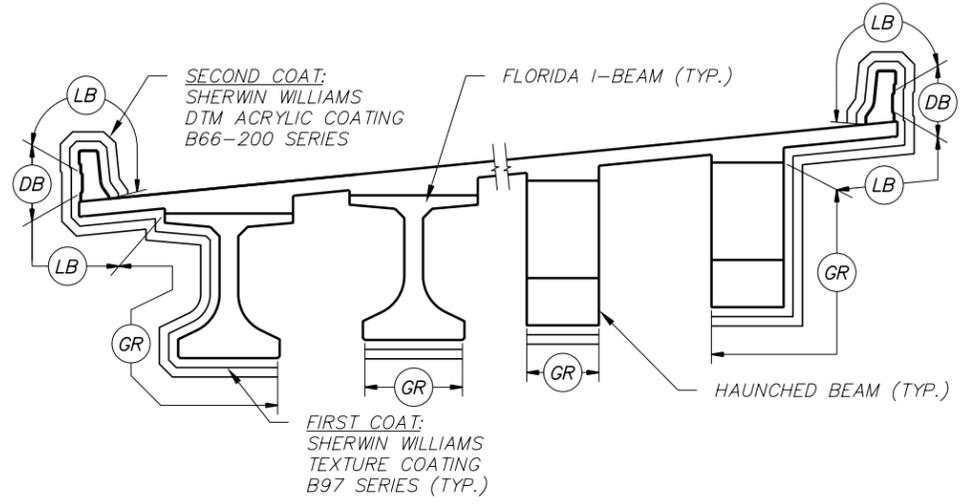
REVISIONS				ENGINEER OF RECORD: G. JOHN HORNBECK, P.E. LIC. NO. 56791 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	AESTHETICS GENERAL NOTES AND INFORMATION (2 OF 3)	SHEET NO. AP-02
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			



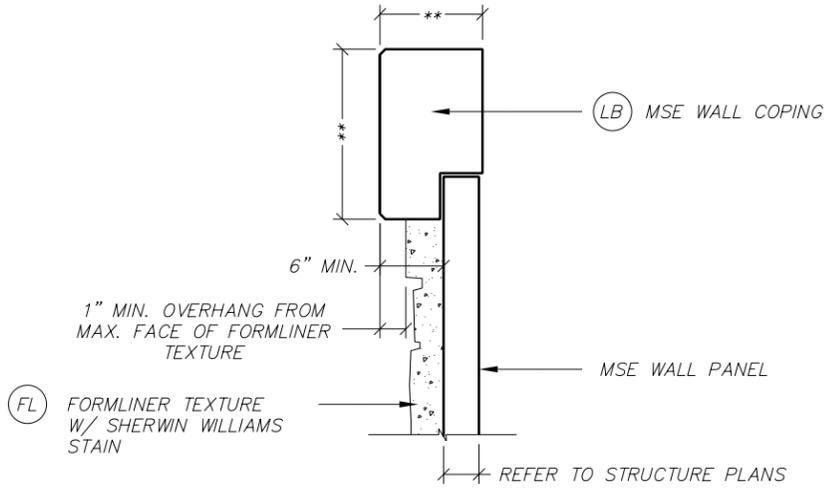
SURFACE FINISH SCHEMATICS - U-BEAM BRIDGE



END BENTS & MSE WALLS
(MSE WALL SHOWN, PLANTER WALLS SIMILAR)

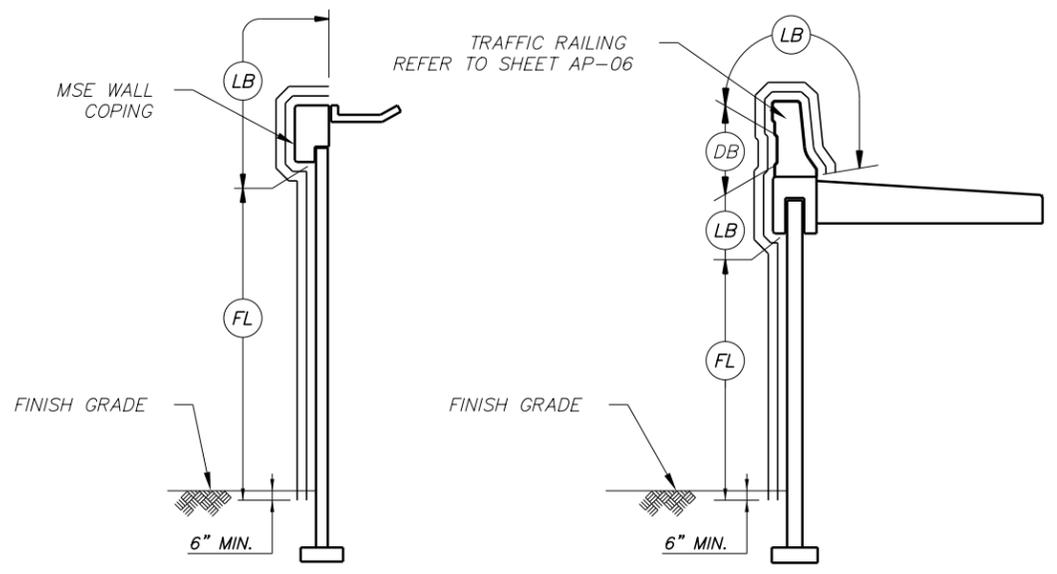


SURFACE FINISH SCHEMATICS - FLORIDA I-BEAM/ HAUNCHED BEAM BRIDGE



MSE WALL COPING ENLARGEMENT

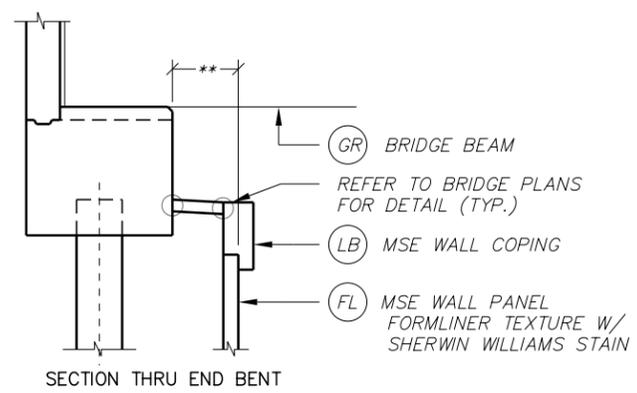
NOTE: ** REFER TO BRIDGE/STRUCTURE PLANS FOR SPECIFIC DIMENSIONS.
(MSE WALL SHOWN, PLANTER WALLS SIMILAR)



MSE WALL & COPING SECTION AT BRIDGE

(MSE WALL SHOWN, PLANTER WALLS SIMILAR)

MSE WALL SECTION WITH CRASH BARRIER



CONCRETE SLOPE PAVEMENT ENLARGEMENT

** REFER TO BRIDGE/STRUCTURE PLANS FOR SPECIFIC DIMENSIONS.

COATING NOTES

- SURFACES SHALL BE CLEANED IN ACCORDANCE WITH SPECIFICATIONS PRIOR TO TREATMENT.
- AFTER SURFACE PREPARATION OF AND BEFORE COATING APPLICATION TO CONCRETE SURFACES, TEST FOR PRESENCE OF CAPILLARY MOISTURE USING ASTM D 4263 OR OTHER METHOD APPROVED BY THE AUTHORITY.
- ALL EXPOSED SURFACES SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS.
- THE CLASS V COATING SHALL BE SHERWIN WILLIAMS TEXTURE COATING B97 SERIES AND SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATION SECTION 400-15.2.6 TO THE PORTIONS OF THE ELEMENTS SHOWN HEREIN.
- ALL CLASS V SURFACES SHALL RECEIVE TWO (2) MATCHING PIGMENTED LAYERS OF SHERWIN WILLIAMS COATING. THE TWO PIGMENTED COATING LAYERS SHALL CONSIST OF THE FOLLOWING:
 - FIRST PIGMENTED COATING - SHERWIN WILLIAMS B97 SERIES CLASS V COATING
 - SECOND MATCHING PIGMENTED COATING - SHERWIN WILLIAMS DTM ACRYLIC B66-200 SERIES
- THE APPLIED COATING THICKNESS AND CURE TIME SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- APPLIED FINISH COLOR COATING FOR ALL CONCRETE ELEMENTS SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 400-15.2.6 OR AS SPECIFIED HEREIN.
- THE CLASS V FINISH COATING SHALL CONSIST OF A LIGHT SANDBLAST TEXTURE IN ACCORDANCE WITH THE SPECIFICATIONS UNLESS OTHERWISE NOTED.
- THE COST OF ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO PREPARE, CLEAN AND APPLY FINISH COATINGS TO ALL REQUIRED ELEMENTS SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE ELEMENT BEING COATED.

SHERWIN WILLIAMS COATING SCHEDULE		
LOCATIONS: CAST-IN-PLACE CONCRETE, ARCHITECTURAL PRECAST PANELS, WALL COPING, SLOPE PAVEMENT, TRAFFIC RAILINGS, BRIDGE BEAMS, TOLL GANTRY TRUSSES, LIGHT POLES		
KEY	COLOR NAME	ID #
LB	LIGHT BROWN	FEDERAL COLOR #33690
DB	DARK BROWN	FEDERAL COLOR #33446
GR	DARK GREEN	FEDERAL COLOR #34227
BR	DARK BRONZE	FEDERAL COLOR #20062

FORMLINER TEXTURE COLOR SCHEDULE	
LOCATIONS: CAST-IN-PLACE CONCRETE, ARCHITECTURAL PRECAST PANELS, WALL PANELS	
COLOR NAME	ID #
LIGHT BEIGE	FEDERAL COLOR #33510 BASE COAT ENTIRE SURFACE
ROADSIDE	SW-2195 RATIO: 50-60%
STONE CUTTER	SW-2124 RATIO: 10-20%
SPANISH MOSS	SW-2070 RATIO: 100% (WASH COAT)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
CHRISTOPHER J. MILLS P.E.
LIC. NO. 56801

HNTB

610 CRESCENT EXECUTIVE CT.,
SUITE 400 LAKE MARY, FL 32746
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www.hntb.com
CA NO.: 6500

DRAWN BY: J.G.J.
CHECKED BY: F.S.G.
DESIGNED BY: F.S.G.
CHECKED BY: E.V.S.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO. SR 429 PROJECT NO. 429-202

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

SHEET TITLE: AESTHETICS FINISHING SCHEMATICS

PROJECT NAME: SR 429 (WEKIVA PARKWAY)

REF. DWG. NO. SHEET NO. AP-04

MATERIAL FINISHES SCHEDULE

KEY	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	COLOR	SPECIFICATIONS
(A1) (A2)	CAST-IN-PLACE CONCRETE	ON-SITE CONTRACTOR	SHERWIN WILLIAMS COATING	A1: LIGHT BROWN (FEDERAL ID #33690) A2: DARK BROWN (FEDERAL ID #33446)	REFER TO GENERAL NOTES, SHEETS AP-01/AP-02
(B)	CAST-IN-PLACE FORMLINER	CUSTOMROCK	CUSTOMROCK #1501-R2 2" MAX. RELIEF	REFER TO FORMLINER COLOR SCHEDULE	REFER TO MSE WALL/FORMLINER NOTES, SHEETS AP-01/AP-02
(C1) (C2)	ARCHITECTURAL PRECAST PANEL	TBD	SHERWIN WILLIAMS COATING	C1: LIGHT BROWN (FEDERAL ID #33690) C2: DARK BROWN (FEDERAL ID #33446)	REFER TO ARCHITECTURAL PRECAST NOTES, SHEETS AP-01/AP-02
(D1) (D2)	ARCHITECTURAL PRECAST FORMLINER	TBD	D1: CUSTOMROCK #1501-R2, 2" MAX. RELIEF D2: CUSTOMROCK #T304, 3/8" MAX. RELIEF	D1: REFER TO FORMLINER COLOR SCHEDULE D2: DARK BROWN (FEDERAL ID #33446)	REFER TO MSE WALL/FORMLINER NOTES, SHEETS AP-01/AP-02
(E)	CUSTOM LOGO MEDALLION (CAST STONE)	PINEAPPLE GROVE DESIGNS	SCULPTSTONE MEDALLION, 3'-0" x 3'-0" x 2" THICK AND 6'-0" x 6'-0" x 3" THICK CUSTOM LOGO TO BE PROVIDED	ALLUVIAL SAND	REFER TO CAST STONE MEDALLION NOTES, SHEETS AP-01/AP-02, AND SPECIAL PROVISIONS
(F)	MECHANICALLY STABILIZED EARTH (MSE) WALL PANEL	TBD	CUSTOMROCK #1501-R2 2" MAX. RELIEF	REFER TO FORMLINER COLOR SCHEDULE	REFER TO MSE WALL/FORMLINER NOTES, SHEETS AP-01/AP-02
(G)	MECHANICALLY STABILIZED EARTH (MSE) COPING	TBD	SHERWIN WILLIAMS COATING	LIGHT BROWN FEDERAL ID #33690	REFER TO GENERAL NOTES, SHEETS AP-01/AP-02
(H1) (H2)	CHAIN LINK FENCE	TBD	VINYL COATED	BLACK	H1: STRAIGHT, H2: CURVED TOP; PER FDOT STANDARDS REFER TO ROADWAY/STRUCTURE PLANS FOR LOCATIONS
(I)	TOLL EQUIPMENT STRUCTURE TRUSS	TBD	THREE COAT SYSTEM	DARK BRONZE FEDERAL ID #20062	REFER TO FDOT SPECIFICATIONS 560 AND 975 AND SHEET AP-02
(J)	GUARDRAIL	N/A	GALVANIZED	N/A	PER FDOT STANDARDS
(K)	LIGHT POLE/FIXTURE	TBD	THERMOSET POWDER COAT	DARK BRONZE FEDERAL ID #20062	REFER TO FDOT SPECIFICATIONS 560 AND 975 AND SHEET AP-02
(L)	BRIDGE BEAM	N/A	REFER TO SHEET AP-04	DARK GREEN FEDERAL ID #34227	
(M)	BEAM GRATING	CHERRY HILL FABRICATION, INC. OR AUTHORITY APPROVED EQUAL	ALUMINUM MESH MINIMUM 2" X 2" SQUARE OPENING, 1/2" DEPTH	BLACK FEDERAL ID #27038	
(N)	COLOR CONCRETE PAVING	L.M. SCOFIELD OR AUTHORITY APPROVED EQUAL	BANDS - TROWEL FINISH FIELDS - BROOM FINISH, REFER TO PLANS	LITHACHROME COLOR HARDENER, #53 ARIZONA TAN OR AUTHORITY APPROVED EQUAL	REFER TO SPECIFICATIONS AND SHEETS AP-01 AND AP-21
	SIGN POSTS	N/A	THERMOSET POWDER COAT	BLACK FEDERAL ID #27038	SINGLE AND MULTI-POST SIGNS, REFER TO SHEET AP-02 AND SPECIAL PROVISIONS
	TOLL GANTRY EQUIPMENT BUILDING ROOF	TBD	THERMOSET POWDER COAT	DARK BRONZE FEDERAL ID #20062	
	ITS CABINETS	TBD	THERMOSET POWDER COAT	DARK BRONZE FEDERAL ID #20062	

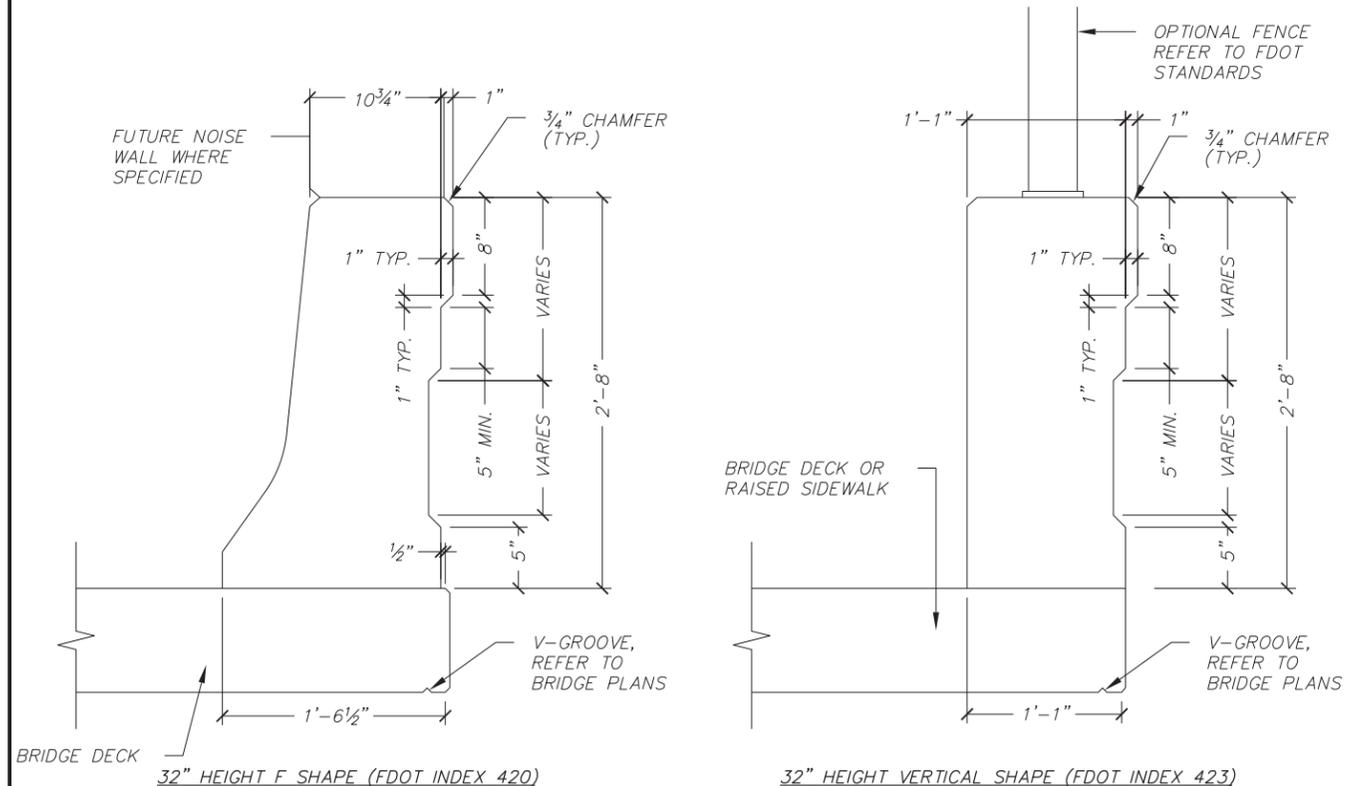
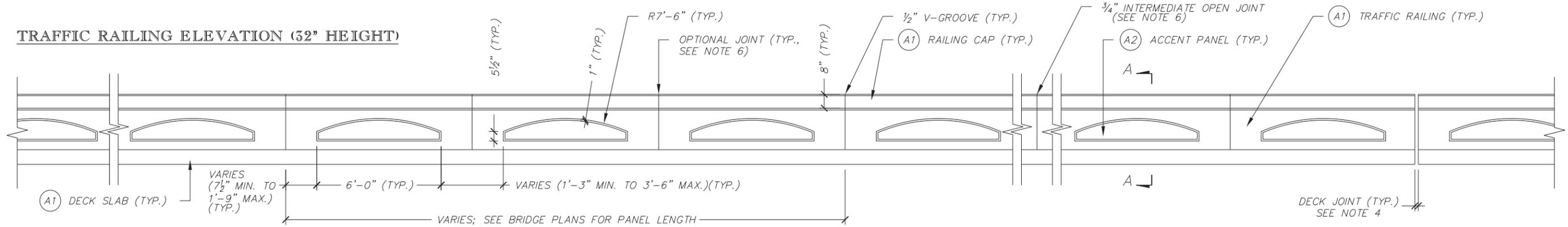
CONTACT LIST

- | | | | | |
|---|--|--|--|--|
| <p>1. <u>LOGO ACCENTS</u>
PINEAPPLE GROVE DESIGN
P.O. BOX 1121
BOYNTON BEACH, FL 33425
PHONE: (800) 771-4595
FAX: (561) 586-0845
WWW.PINEAPPLEGROVE.COM</p> | <p>2. <u>COATINGS</u>
SHERWIN WILLIAMS
ANY DISTRIBUTOR

PHONE: (800) 4-SHERWIN
PHONE: (800) 474-3794</p> | <p>3. <u>FORMLINER</u>
CUSTOMROCK
2020 WEST 7TH STREET
ST. PAUL, MN 55116
PHONE: (651) 699-1345
FAX: (651) 699-1830
WWW.CUSTOMROCK.COM</p> | <p>4. <u>COLOR CONCRETE</u>
L.M. SCOFIELD COMPANY
OR AUTHORITY APPROVED EQUAL
4155 SCOFIELD ROAD
DOUGLASVILLE, GA 30134
PHONE: (770) 920-6000
FAX: (770) 920-6066
WWW.SCOFIELD.COM</p> | <p>5. <u>BEAM GRATING</u>
CHERRY HILL FABRICATION, INC.
OR AUTHORITY APPROVED EQUAL
PO BOX 247
UPPER FALLS, MD 21156
PHONE: (410) 538-5200
FAX: (410) 538-5388
WWW.CHERRYHILLFAB.COM</p> |
|---|--|--|--|--|

REVISIONS				ENGINEER OF RECORD: G. JOHN HORNBECK, P.E. LIC. NO. 56791 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com GA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	MATERIAL FINISHES SCHEDULE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			

TRAFFIC RAILING ELEVATION (32" HEIGHT)



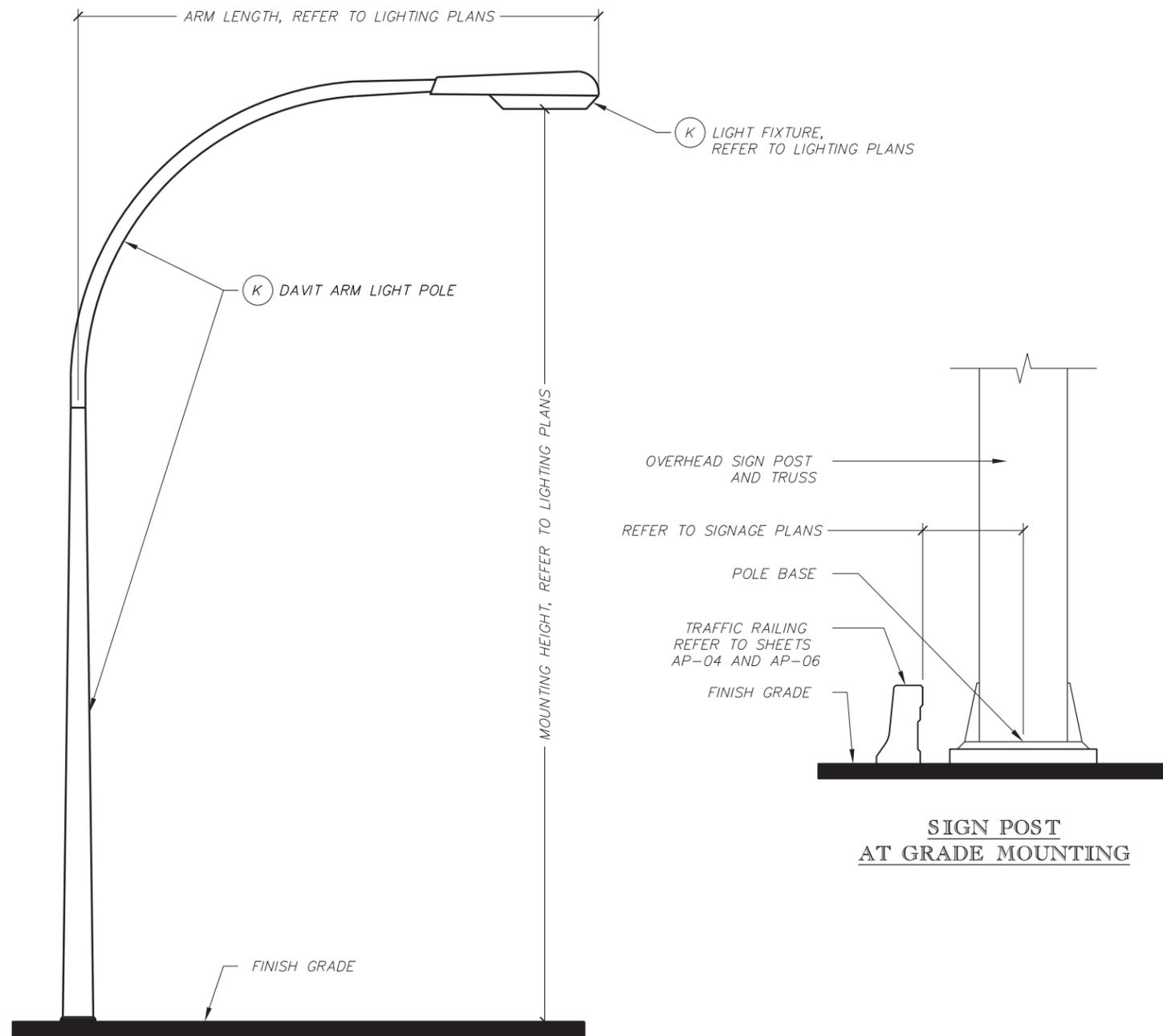
TRAFFIC RAILING NOTES

1. SEE STANDARD INDICES 420, 423 AND 5210 FOR ADDITIONAL DETAILS.
2. REFER TO SHEET AP-04 FOR SURFACE TREATMENTS.
3. THE ARCHITECTURAL TRAFFIC RAILING TREATMENTS SHALL BE USED ON THE OUTSIDE OF ALL BRIDGES.
4. SEE BRIDGE PLANS FOR LOCATION AND ORIENTATION OF DECK JOINTS. OPEN BARRIER JOINTS AT DECK JOINT LOCATIONS SHALL MATCH THE DIMENSION OF THE DECK JOINT.
5. CONTRACTOR SHALL CONSIDER LOCATION OF REQUIRED DECK EXPANSION JOINTS (REFER TO STRUCTURES PLANS) IN PLACEMENT OF TRAFFIC RAILING TO ENSURE CONSISTENT AESTHETIC TREATMENT ACROSS ALL BRIDGE SPANS AND APPROACH SLABS.
6. REFER TO BRIDGE/STRUCTURES PLANS FOR SPECIFIC REQUIREMENTS RELATED TO TRAFFIC RAILING JOINTING. JOINTS WILL VARY BASED ON PROPOSED RAILING TYPES.
7. ON MULTI-SPAN BRIDGES, THE BRIDGE JOINT MAY BIFURCATE THE CENTER OF AN ARCH PANEL IF REQUIRED. THE TRAFFIC RAILING ON BOTH SIDES OF THE JOINT SHALL BE EQUAL.
8. SHOP DRAWINGS SHALL BE SUBMITTED TO CEI FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL INCLUDE DIMENSION OF PANELS, REINFORCEMENT (INCLUDING TRANSITIONS AT APPROACH SLABS), ELEVATION ILLUSTRATING PLACEMENT OF ARCHES, BRIDGE EXPANSION JOINTS/TRAFFIC RAILING TRANSITIONS, JUNCTION BOXES AND ANY OTHER PERTINENT DATA NECESSARY FOR THE CONSTRUCTION OF THE ARCHITECTURAL TRAFFIC RAILING BARRIERS.

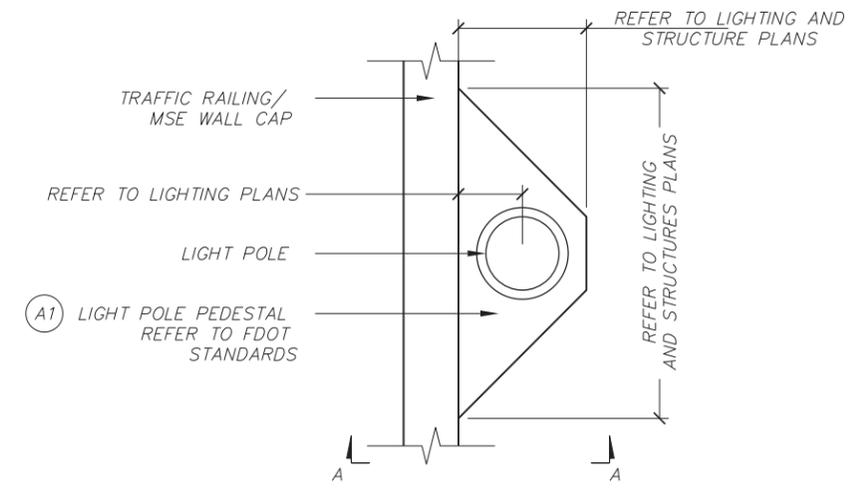
SECTION A-A

(SECTION AT DECK SLAB SHOWN, APPROACH SLAB, AND MSE WALL SIMILAR)

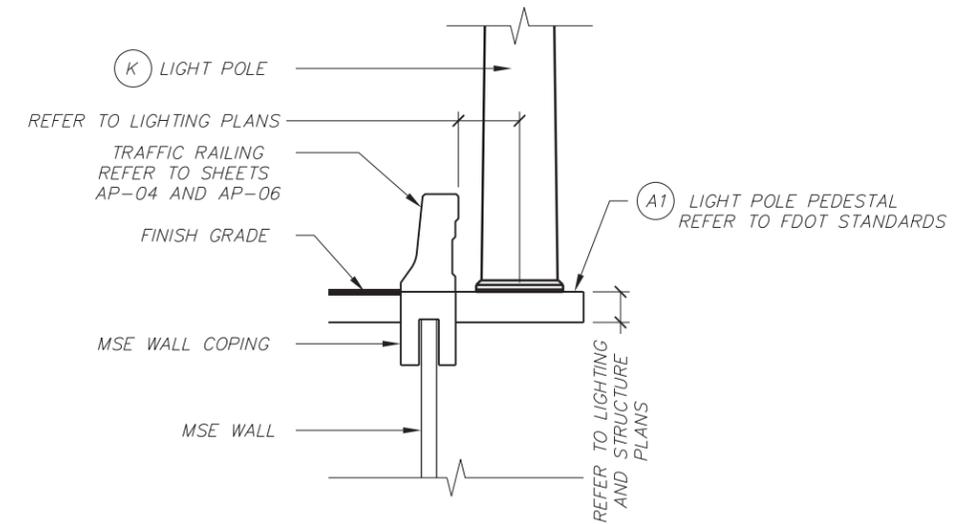
REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	TRAFFIC RAILING AESTHETICS NOTES/SCHEMATICS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			



LIGHT POLE ELEVATION



BRIDGE DECK / MSE WALL LIGHTING SUPPORT PLAN VIEW

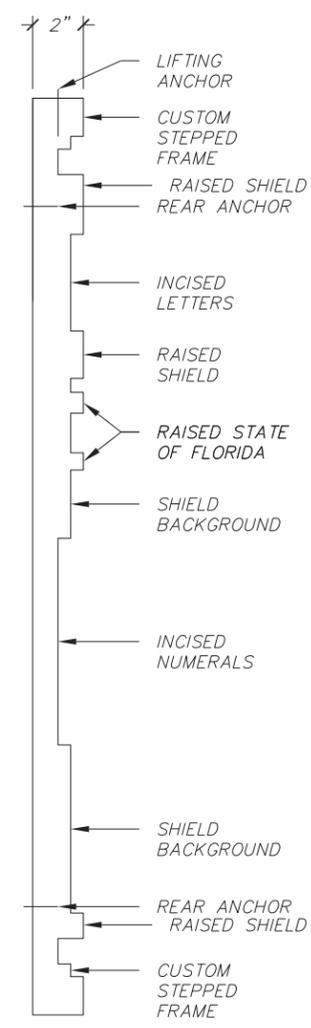
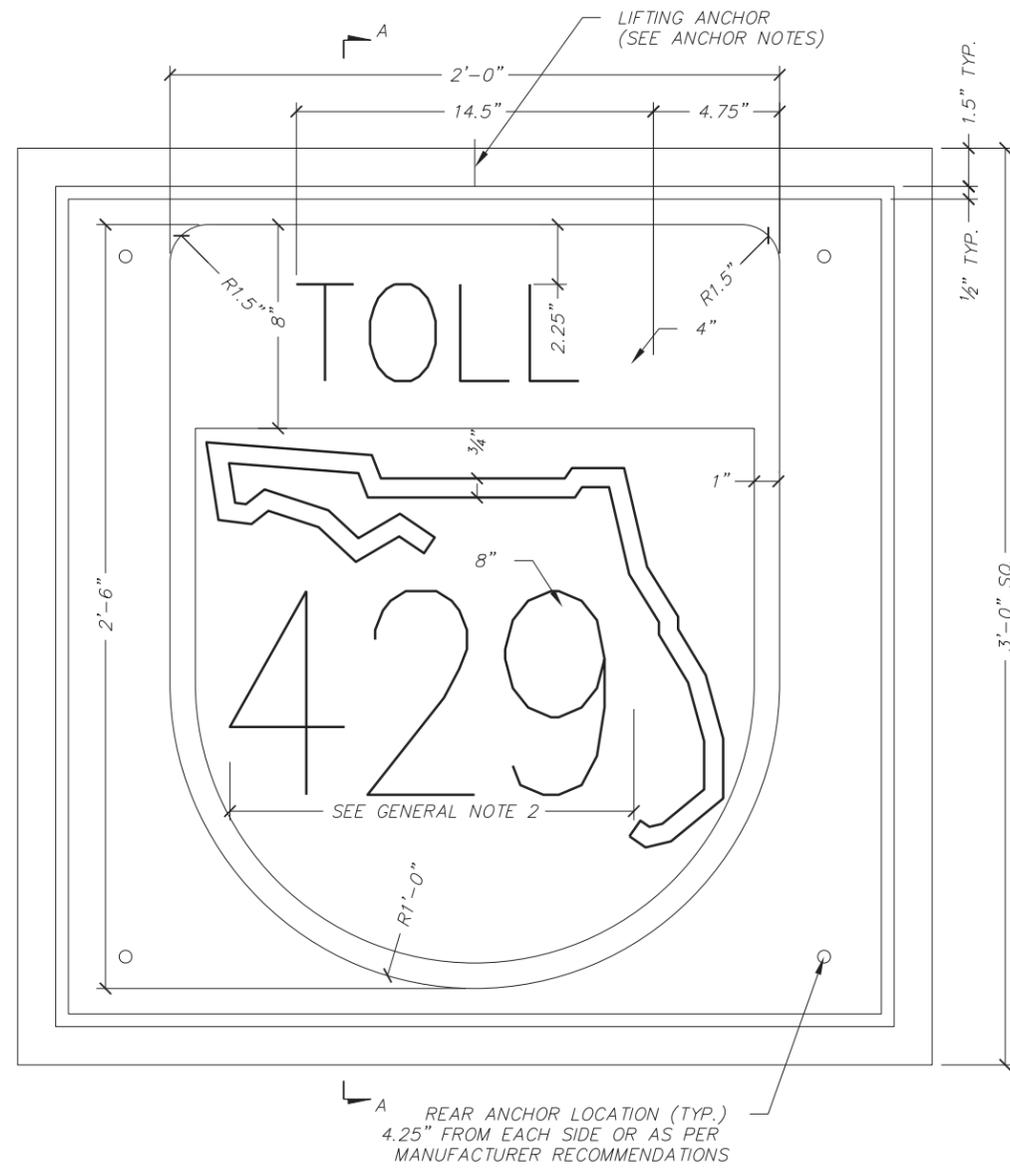


BRIDGE DECK / MSE WALL LIGHTING SUPPORT SECTION A-A

NOTES

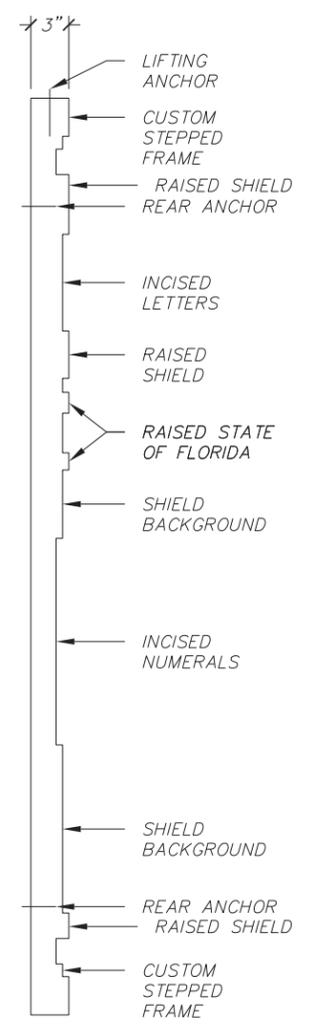
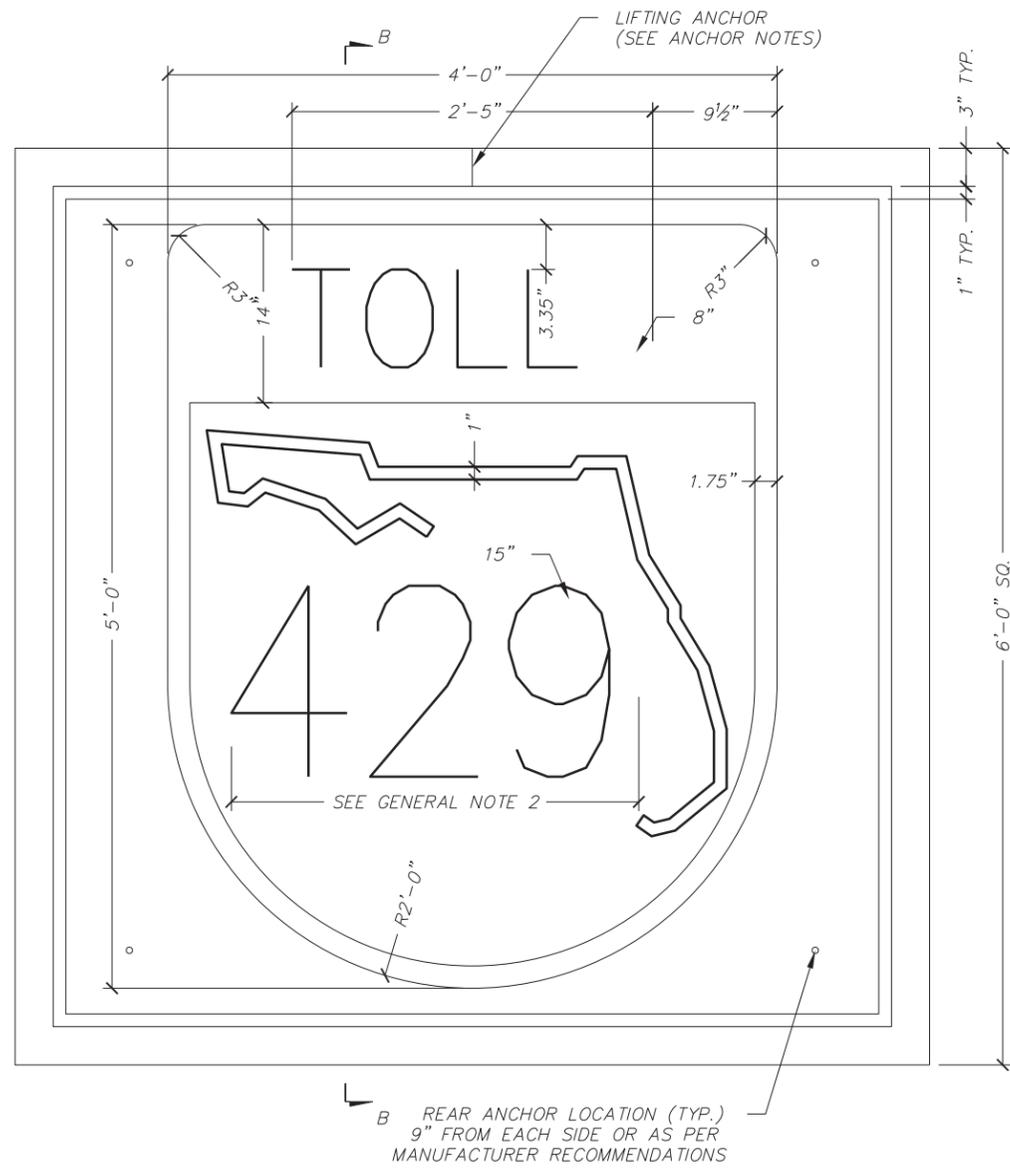
- REFER TO LIGHTING PLANS FOR SPECIFIC FIXTURE, POLE, AND OVERALL LIGHTING REQUIREMENTS.

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	<i>LIGHT POLE AESTHETICS REQUIREMENTS</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			AP-07
					SR 429	429-202			



SECTION A-A

CUSTOM LOGO MEDALLION A: 3'-0" X 3'-0"
 ** OPTIONAL CFX LOGO CUSTOM MEDALLION TO BE DETERMINED



SECTION B-B

CUSTOM LOGO MEDALLION A: 6'-0" X 6'-0"
 ** OPTIONAL CFX LOGO CUSTOM MEDALLION TO BE DETERMINED

GENERAL NOTES

1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR MEDALLION DETAILS.
2. FABRICATOR SHALL USE STANDARD HORIZONTAL SPACING FOR NUMERALS WITHIN A ROUTE SHIELD WHEN POSSIBLE. FABRICATOR SHALL OPTICALLY ADJUST NUMERAL SPACING AS NEEDED TO PREVENT OVERLAP ONTO THE STATE OUTLINE OR SHIELD BORDER.
3. FONT STYLE FOR LETTERS AND NUMERALS SHALL MATCH CFX STANDARDS AS CLOSELY AS POSSIBLE.
4. 1/2" MINIMUM TOLERANCE REQUIRED IN SURROUNDING OPENING DIMENSIONS. REFER TO MANUFACTURER'S SPECIFICATIONS AND SPECIAL PROVISIONS FOR MORE INFORMATION.

ANCHOR NOTES

1. LIFTING ANCHOR TO BE STAINLESS STEEL COIL LOOP INSERT. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION.
2. REAR ANCHORS TO BE STAINLESS STEEL FLARED THIN SLAB COIL INSERT. REFER TO MANUFACTURER'S SPECIFICATIONS AND SPECIAL PROVISIONS FOR MORE INFORMATION.

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	CUSTOM LOGO MEDALLION AESTHETICS SCHEMATICS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			

(H) BRIDGE FENCE (TYP.)
WHERE APPLICABLE
REFER TO STRUCTURES PLANS
TRAFFIC RAILING (TYP.)
REFER TO SHEETS
AP-04 AND AP-06

(L) BRIDGE BEAM (TYP.)
REFER TO STRUCTURE
PLANS FOR BEAM TYPE

(A1) BRIDGE BEAM SEAT (TYP.)

(A1) CAST-IN-PLACE PIER CAP TRIM

(A2) PIER CAP PROJECTION (TYP.)

(A1) CAST-IN-PLACE PIER (TYP.)

(B) CAST-IN-PLACE PIER WITH
FORMLINER TEXTURE (TYP.)

FINISH GRADE

(A2) KEYSTONE
BRIDGE DECK

REFER TO SHEET AP-09 FOR
PIER CAP REVEAL ENLARGEMENT

END VIEW

1'-0" (TYP.)

NOTES

1. REFER TO SHEET AP-01 FOR GENERAL REQUIREMENTS.
2. REFER TO SHEET AP-04 FOR COATING SCHEDULE (TYP.).
3. REFER TO SHEET AP-10 FOR SECTIONS AND DETAILS.

4" TYP. 2" TYP.

(A1) CAST-IN-PLACE PIER CAP

(A2) KEYSTONE (TYP.)

(A2) PIER CAP PROJECTION (TYP.)

(B) CAST-IN-PLACE PIER WITH
FORMLINER TEXTURE

(A1) CAST-IN-PLACE PIER

FINISH GRADE

2'-6" MIN. 1'-0" (TYP.)

DOUBLE COLUMN PIER ELEVATION
(AT BELGIAN STREET AND YOTHERS ROAD BRIDGES)

END VIEW

TRAFFIC RAILING (TYP.)
REFER TO SHEETS
AP-04 AND AP-06

(L) BRIDGE BEAM (TYP.)
REFER TO STRUCTURE
PLANS FOR BEAM TYPE

(A1) BRIDGE BEAM SEAT (TYP.)

(A2) PIER CAP PROJECTION (TYP.)

(A1) CAST-IN-PLACE PIER CAP TRIM

(A1) CAST-IN-PLACE PIER (TYP.)

(B) CAST-IN-PLACE PIER WITH
FORMLINER TEXTURE (TYP.)

FINISH GRADE

BRIDGE DECK
(A2) KEYSTONE (TYP.)

REFER TO SHEET AP-09 FOR
PIER CAP REVEAL ENLARGEMENT

END VIEW

1'-0" (TYP.)

4" TYP. 2" TYP.

(A2) PIER CAP PROJECTION (TYP.)

(A2) KEYSTONE (TYP.)

(A1) CAST-IN-PLACE PIER CAP

(A1) CAST-IN-PLACE PIER

(B) CAST-IN-PLACE PIER WITH
FORMLINER TEXTURE
FINISH GRADE

2'-6" MIN. 1'-0" (TYP.)

TRIPLE COLUMN PIER ELEVATION
(AT CONNECTOR ROAD BRIDGES)

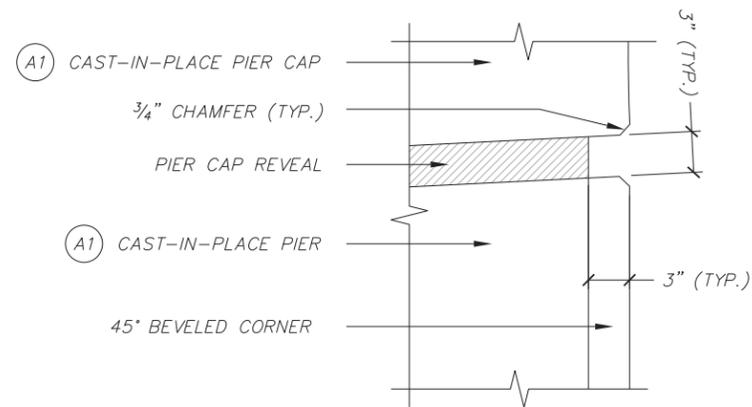
END VIEW

** REFER TO STRUCTURE PLANS FOR PIER GEOMETRY DETAILS AND SPECIFIC DIMENSIONS
FOR ALL PIER ELEMENTS (PIER, CAP, CAP PANELS, KEYSTONE, ETC.)

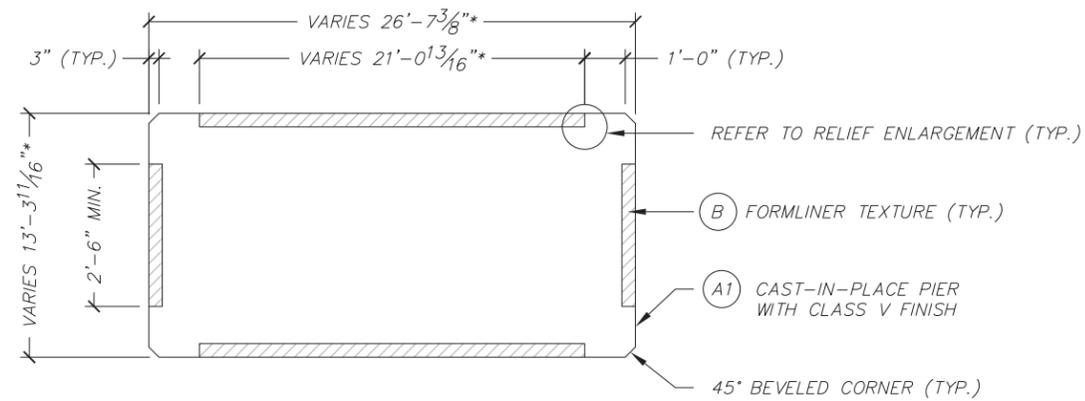
REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIDGE PIER SCHEMATICS - MULTI-COLUMN PIER	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			AP-09
					SR 429	429-202			

NOTES

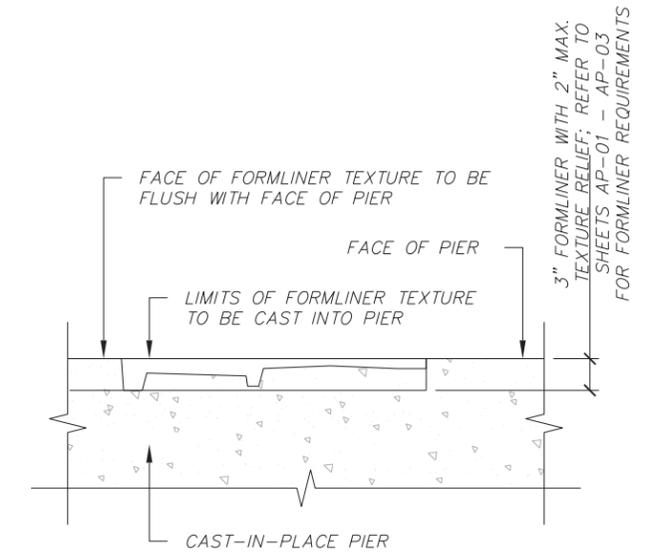
1. REFER TO SHEETS AP-01 FOR GENERAL REQUIREMENTS.
2. REFER TO SHEET AP-04 FOR COATING SCHEDULE (TYP.).



PIER CAP REVEAL ENLARGEMENT



SECTION A-A



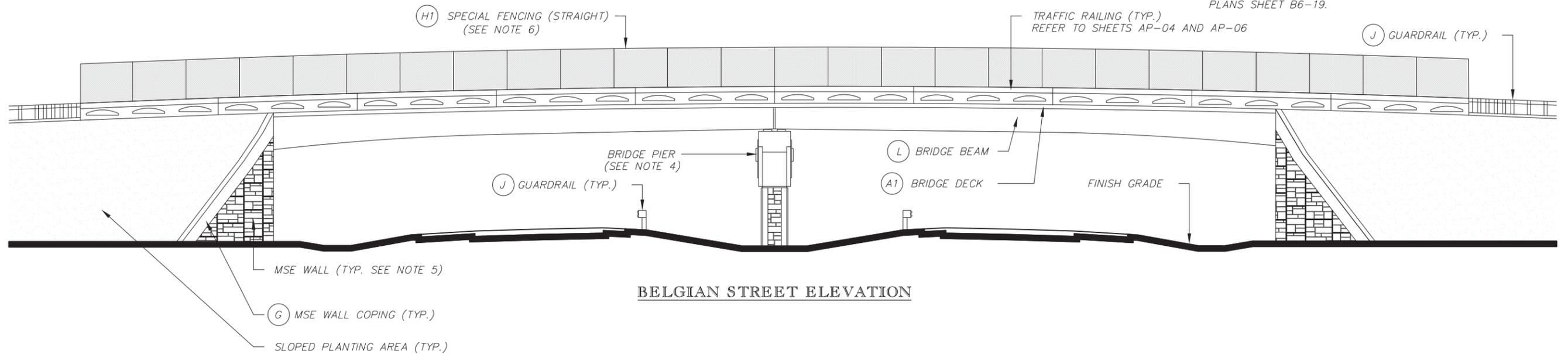
RELIEF ENLARGEMENT

** REFER TO STRUCTURE PLANS FOR PIER GEOMETRY DETAILS AND SPECIFIC DIMENSIONS FOR ALL PIER ELEMENTS (PIER, CAP, CAP PANELS, KEYSTONE, ETC.)

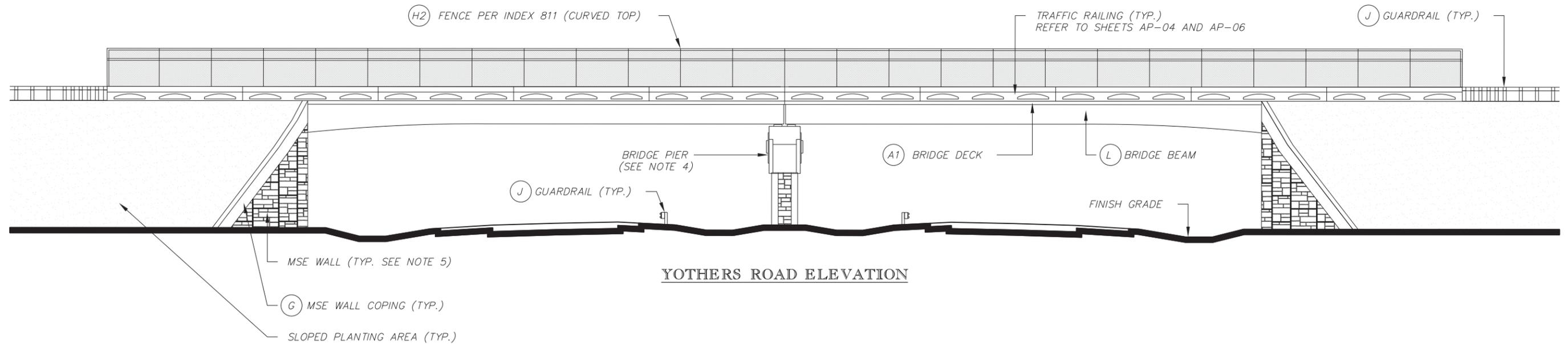
REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIDGE PIER SCHEMATICS - MULTI-COLUMN PIER	SHEET NO. AP-10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			

NOTES

1. REFER TO STRUCTURES PLANS FOR ADDITIONAL BRIDGE AND WALL INFORMATION.
2. REFER TO SHEET AP-04 FOR COATING INFORMATION.
3. REFER TO SHEET AP-05 FOR MATERIAL FINISHES SCHEDULE.
4. REFER TO SHEET AP-10 FOR BRIDGE PIER MATERIAL FINISHES SCHEMATIC.
5. REFER TO SHEET AP-16 FOR MSE WALL MATERIAL FINISHES SCHEMATIC.
6. FOR SPECIAL FENCE REQUIREMENTS, SEE STRUCTURE PLANS SHEET B6-19.

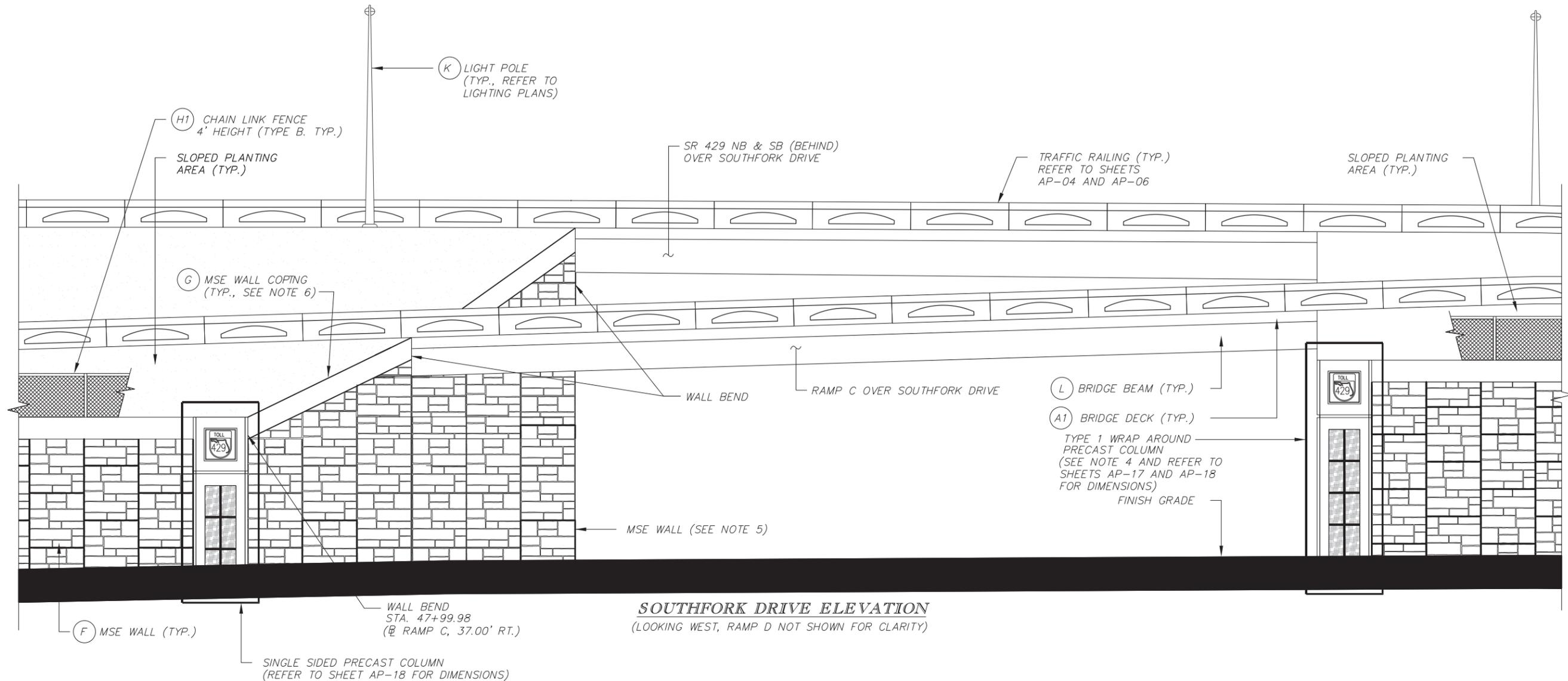


BELGIAN STREET ELEVATION



YOTHERS ROAD ELEVATION

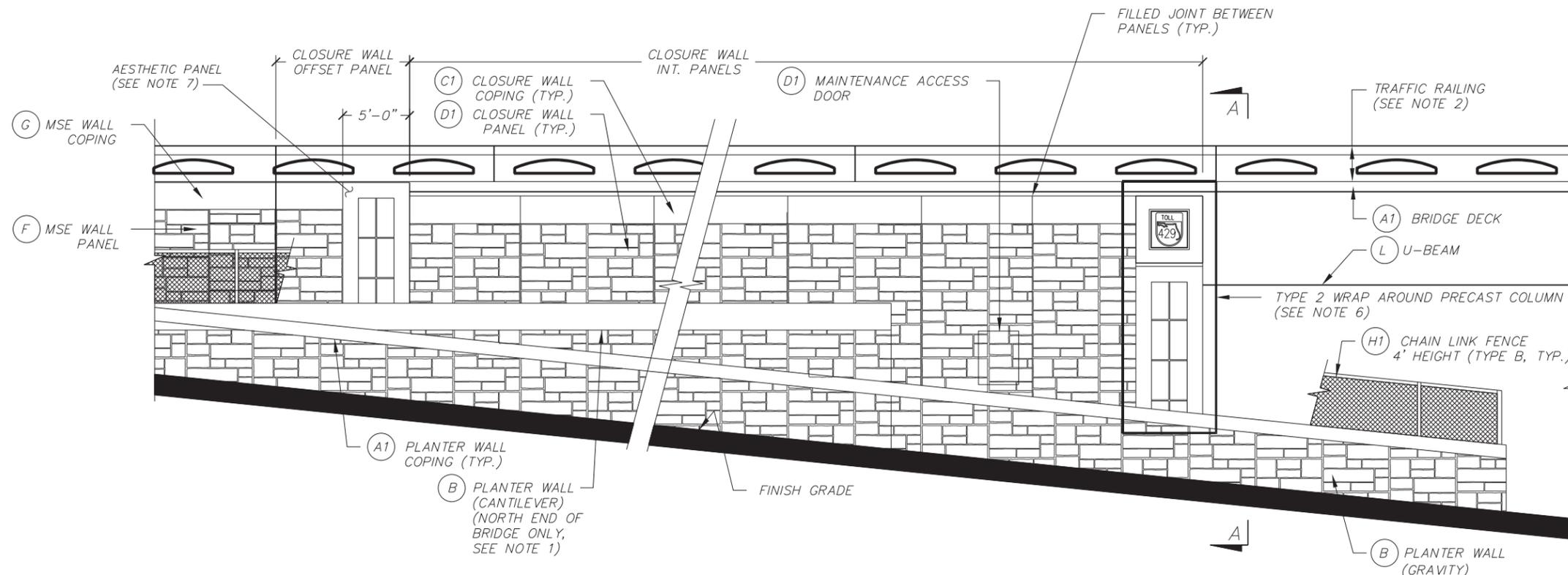
REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIDGE ELEVATIONS (1 OF 5)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.				AP-11
					SR 429	429-202				



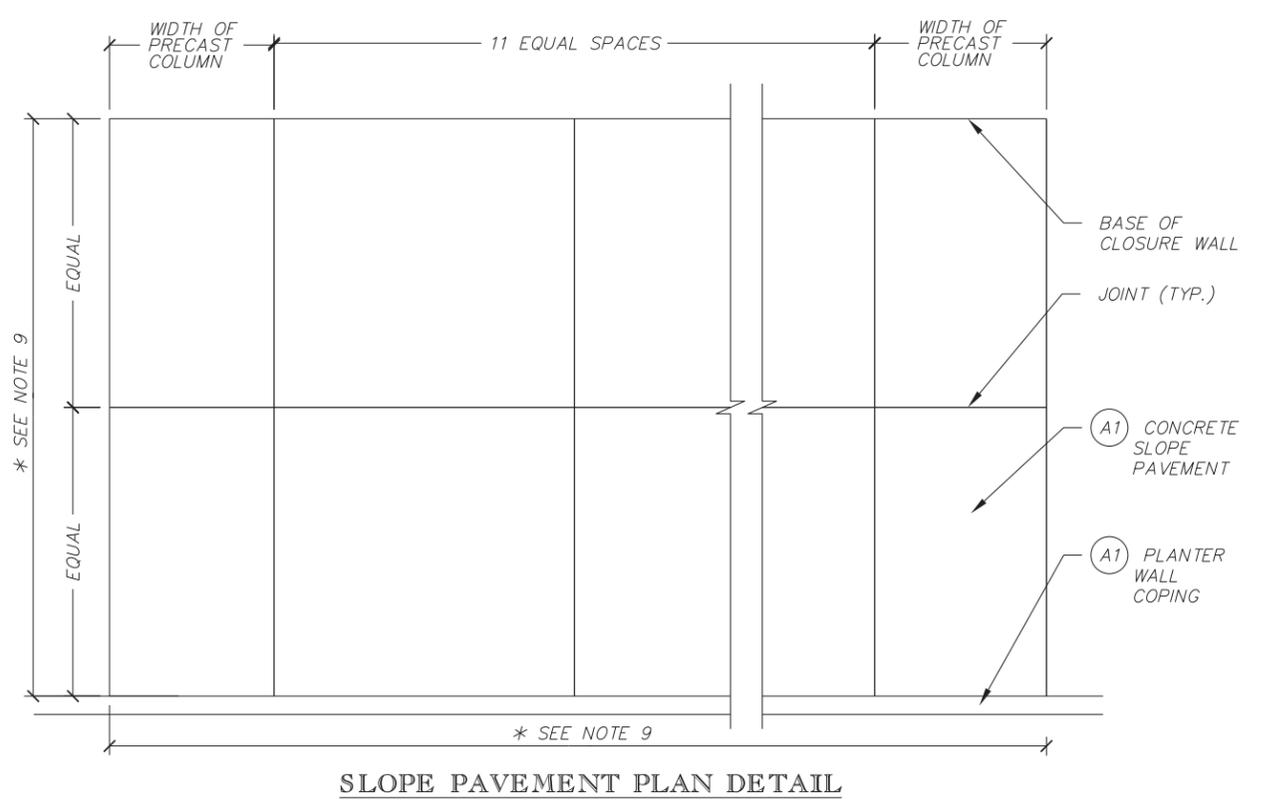
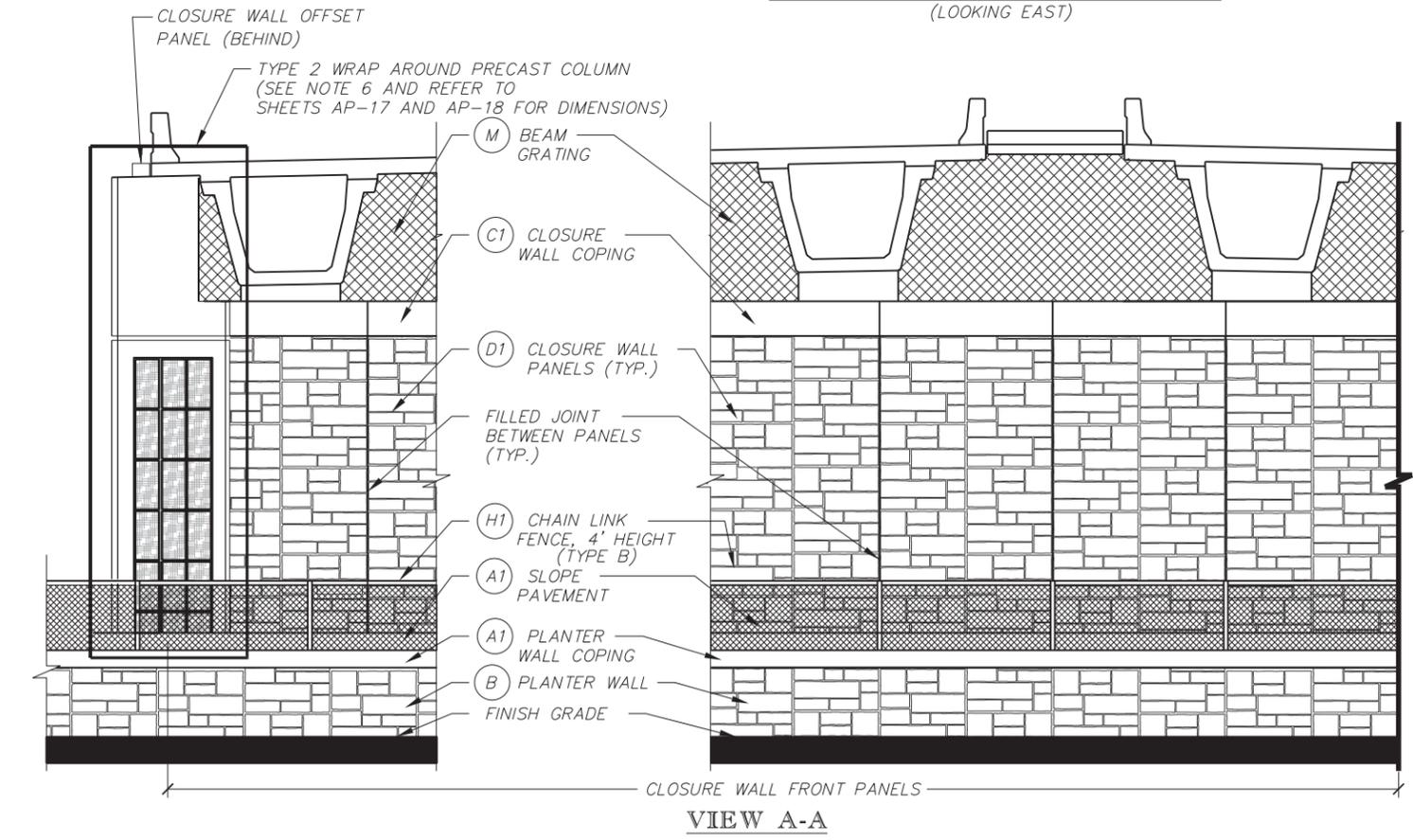
NOTES

1. REFER TO STRUCTURES PLANS FOR ADDITIONAL BRIDGE AND WALL INFORMATION.
2. REFER TO SHEET AP-04 FOR COATING INFORMATION.
3. REFER TO SHEET AP-05 FOR MATERIAL FINISHES SCHEDULE.
4. TYPE 1 WRAP AROUND PRECAST COLUMNS SHALL BE LOCATED AT THE FOLLOWING RETAINING WALL CORNERS: WALL SEGMENT 3B/3C, WALL SEGMENT 4A/4B AND WALL SEGMENT 4B/4C. SEE STRUCTURES PLANS FOR WALL INFORMATION.
5. REFER TO SHEET AP-15 FOR MSE MATERIAL FINISHES SCHEMATIC.
6. TRAFFIC RAILING ON MSE WALL NOT SHOWN FOR CLARITY.

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIDGE ELEVATIONS (2 OF 5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			AP-12
					SR 429	429-202			



- NOTES**
1. REFER TO STRUCTURES PLANS FOR ADDITIONAL BRIDGE AND WALL INFORMATION.
 2. REFER TO SHEET AP-04 FOR COATING INFORMATION.
 3. REFER TO SHEET AP-05 FOR MATERIAL FINISHES SCHEDULE.
 4. FOR SURFACE COATINGS AND FINISHES ON TRAFFIC RAILINGS, REFER TO SHEETS AP-04 AND AP-06.
 5. FOR NOTES AND DETAILS ON CLOSURE WALL, REFER TO STRUCTURES PLANS.
 6. WRAP AROUND PRECAST COLUMNS SHALL BE LOCATED AT EACH OF THE FOUR CLOSURE WALL CORNERS. REFER TO SHEETS AP-17 AND AP-18 FOR DIMENSIONS.
 7. AESTHETIC PANELS SHALL BE LOCATED AT EACH OF THE FOUR CLOSURE WALL OFFSET PANEL LOCATIONS. CONTRACTOR SHALL DECIDE WHETHER TO INCLUDE THE AESTHETIC PANEL IN THE CLOSURE WALL OFFSET PANEL OR ATTACH THE AESTHETIC PANEL AS A SEPARATE SINGLE SIDED COLUMN ATTACHMENT.
 8. REFER TO SHEET AP-16 FOR ADDITIONAL PLANTER WALL INFORMATION.
 9. FOR LIMITS OF SLOPE PAVEMENT, SEE SHEET AP-20.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
CHRISTOPHER J. MILLS P.E.
LIC. NO. 56801

HNTB

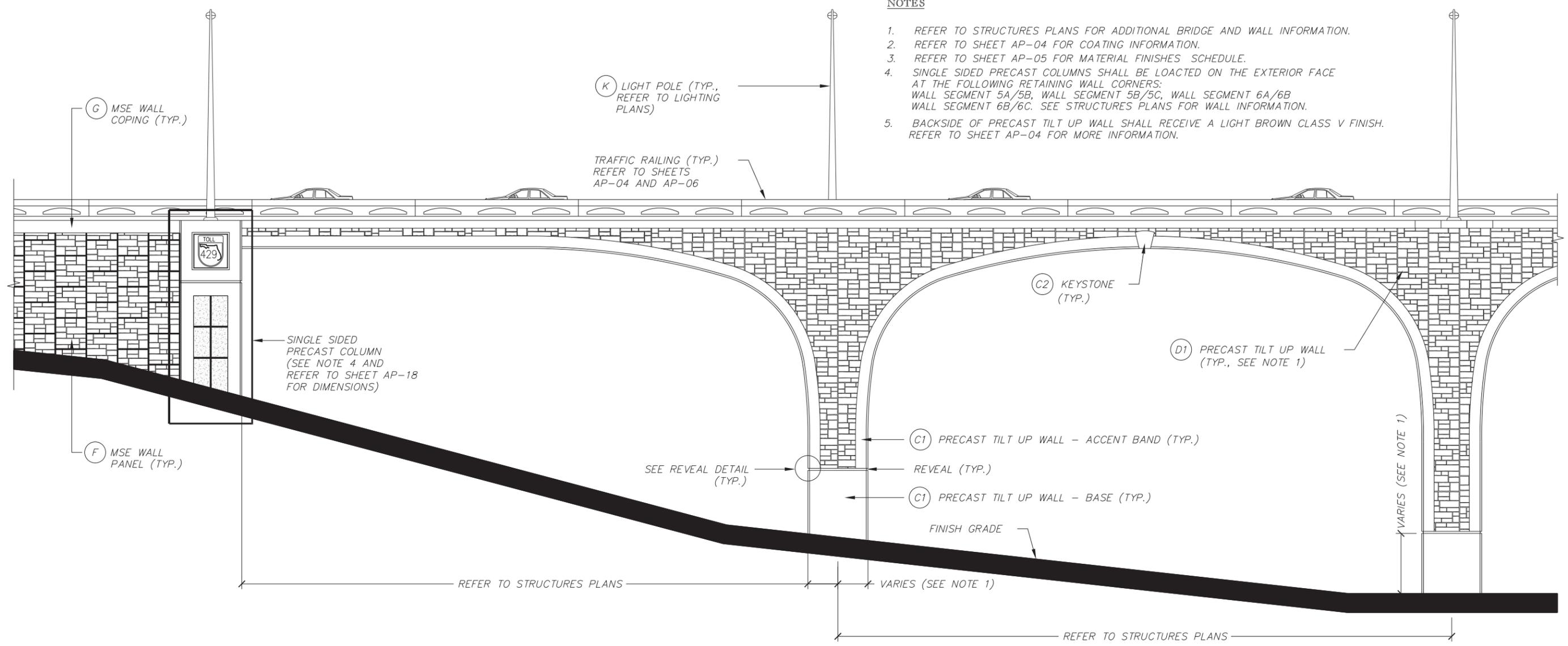
610 CRESCENT EXECUTIVE CT.,
SUITE 400 LAKE MARY, FL 32746
(407) 805-0355
www.hntb.com
CA NO.: 6500

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-202

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

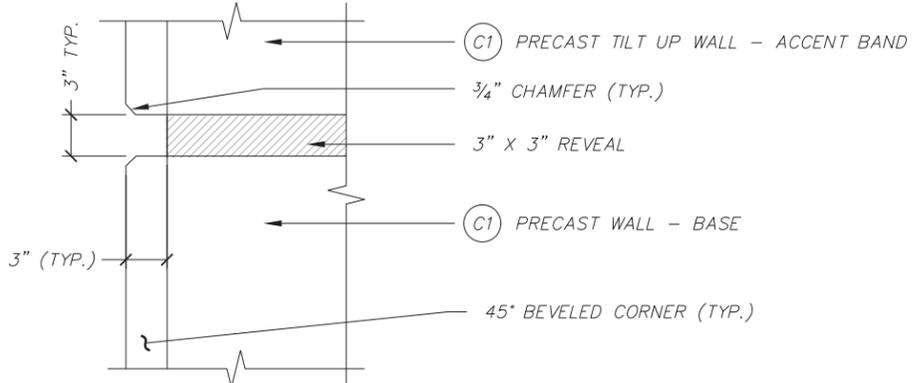
BRIDGE ELEVATIONS (3 OF 5)

SHEET NO.
AP-13



- NOTES**
1. REFER TO STRUCTURES PLANS FOR ADDITIONAL BRIDGE AND WALL INFORMATION.
 2. REFER TO SHEET AP-04 FOR COATING INFORMATION.
 3. REFER TO SHEET AP-05 FOR MATERIAL FINISHES SCHEDULE.
 4. SINGLE SIDED PRECAST COLUMNS SHALL BE LOADED ON THE EXTERIOR FACE AT THE FOLLOWING RETAINING WALL CORNERS:
WALL SEGMENT 5A/5B, WALL SEGMENT 5B/5C, WALL SEGMENT 6A/6B
WALL SEGMENT 6B/6C. SEE STRUCTURES PLANS FOR WALL INFORMATION.
 5. BACKSIDE OF PRECAST TILT UP WALL SHALL RECEIVE A LIGHT BROWN CLASS V FINISH. REFER TO SHEET AP-04 FOR MORE INFORMATION.

LOW AREA ELEVATION
(LOOKING WEST)

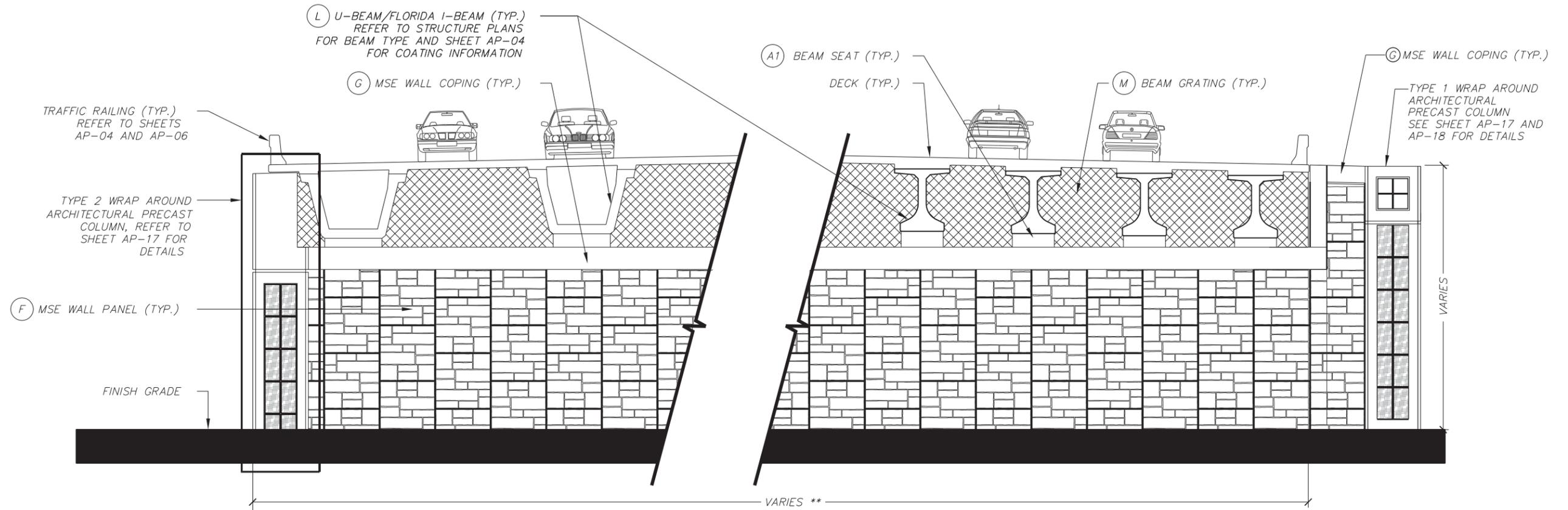


REVEAL DETAIL

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIDGE ELEVATIONS (4 OF 5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			AP-14
					SR 429	429-202			

NOTES

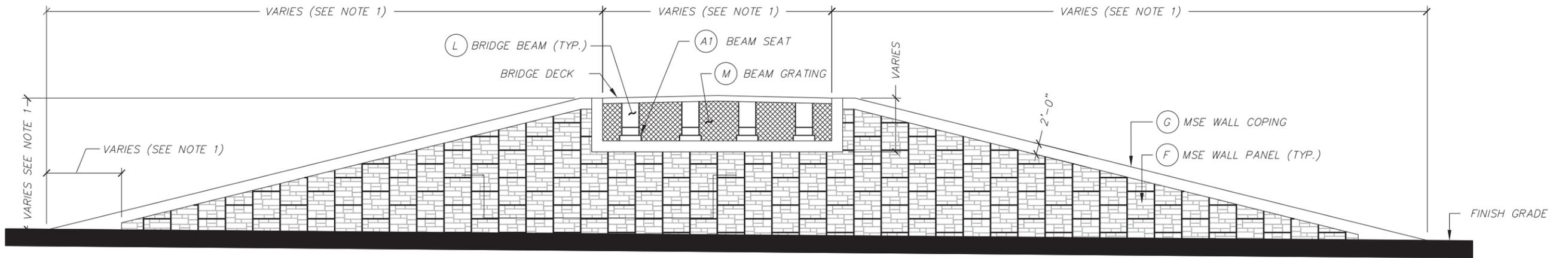
1. REFER TO STRUCTURE PLANS FOR SPECIFIC DIMENSIONS.
2. REFER TO SHEET AP-04 FOR COATING INFORMATION.
3. REFER TO SHEET AP-05 FOR MATERIAL FINISHES SCHEDULE.
4. BRIDGE COLUMNS MAY VARY BASED ON BRIDGE HEIGHTS. REFER TO SHEETS AP-17 AND AP-18 FOR APPROPRIATE COLUMN APPLICATION.



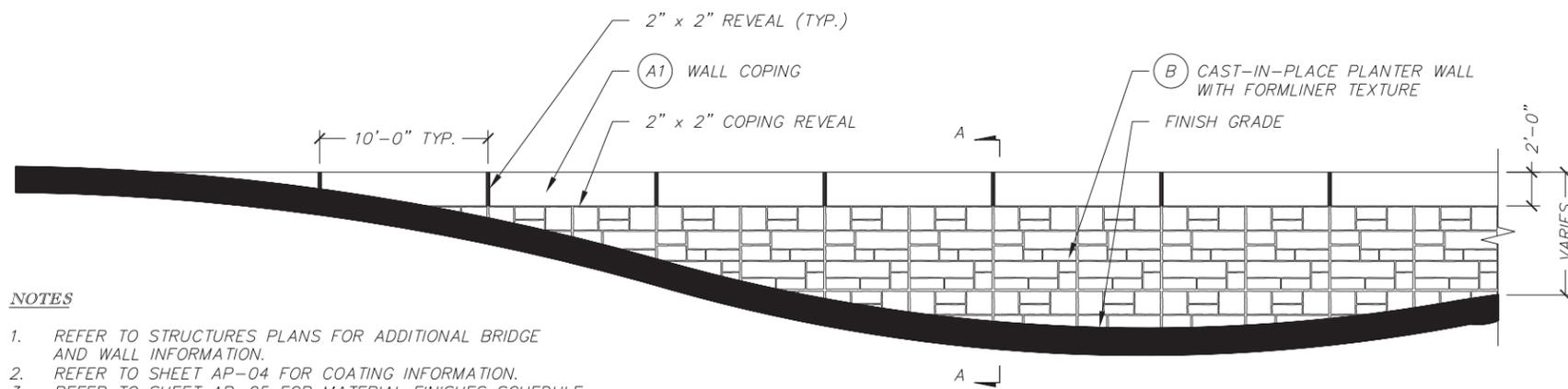
ELEVATION UNDER BRIDGE (TYPICAL)

** REFER TO STRUCTURE PLANS FOR WALL AND BRIDGE GEOMETRY DETAILS.

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIDGE ELEVATIONS (5 OF 5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			AP-15
					SR 429	429-202			



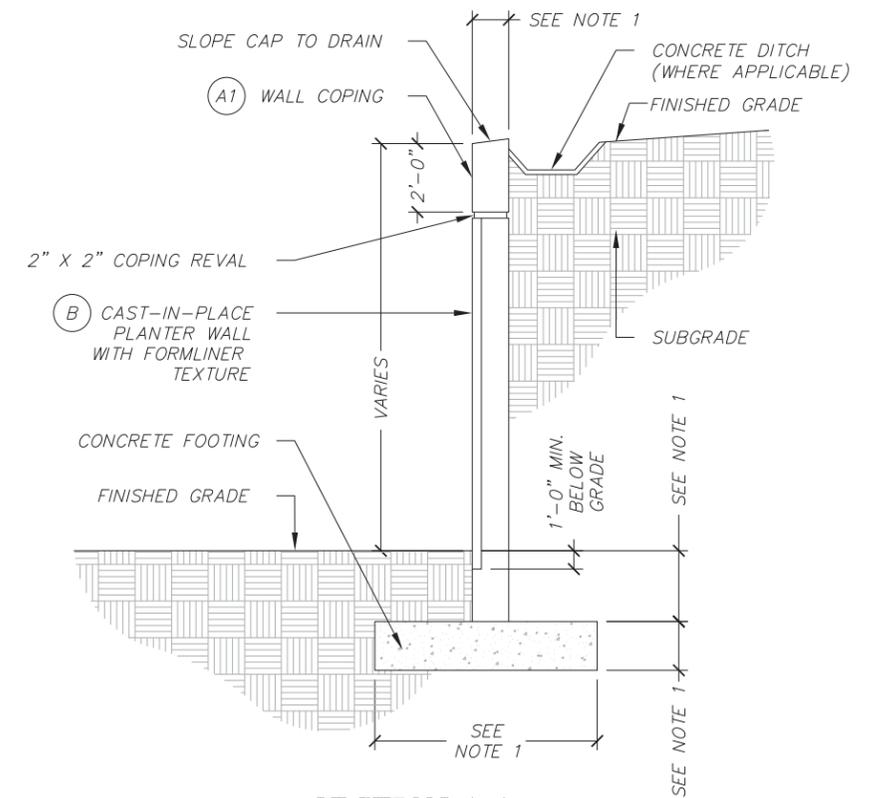
MSE WALL
(TYP. AT BELGIAN STREET AND YOTHERS ROAD)



NOTES

1. REFER TO STRUCTURES PLANS FOR ADDITIONAL BRIDGE AND WALL INFORMATION.
2. REFER TO SHEET AP-04 FOR COATING INFORMATION.
3. REFER TO SHEET AP-05 FOR MATERIAL FINISHES SCHEDULE.

PLANTER WALL ELEVATION
(CIP CANTILEVER RETAINING WALL SHOWN,
CIP GRAVITY WALL SIMILAR)



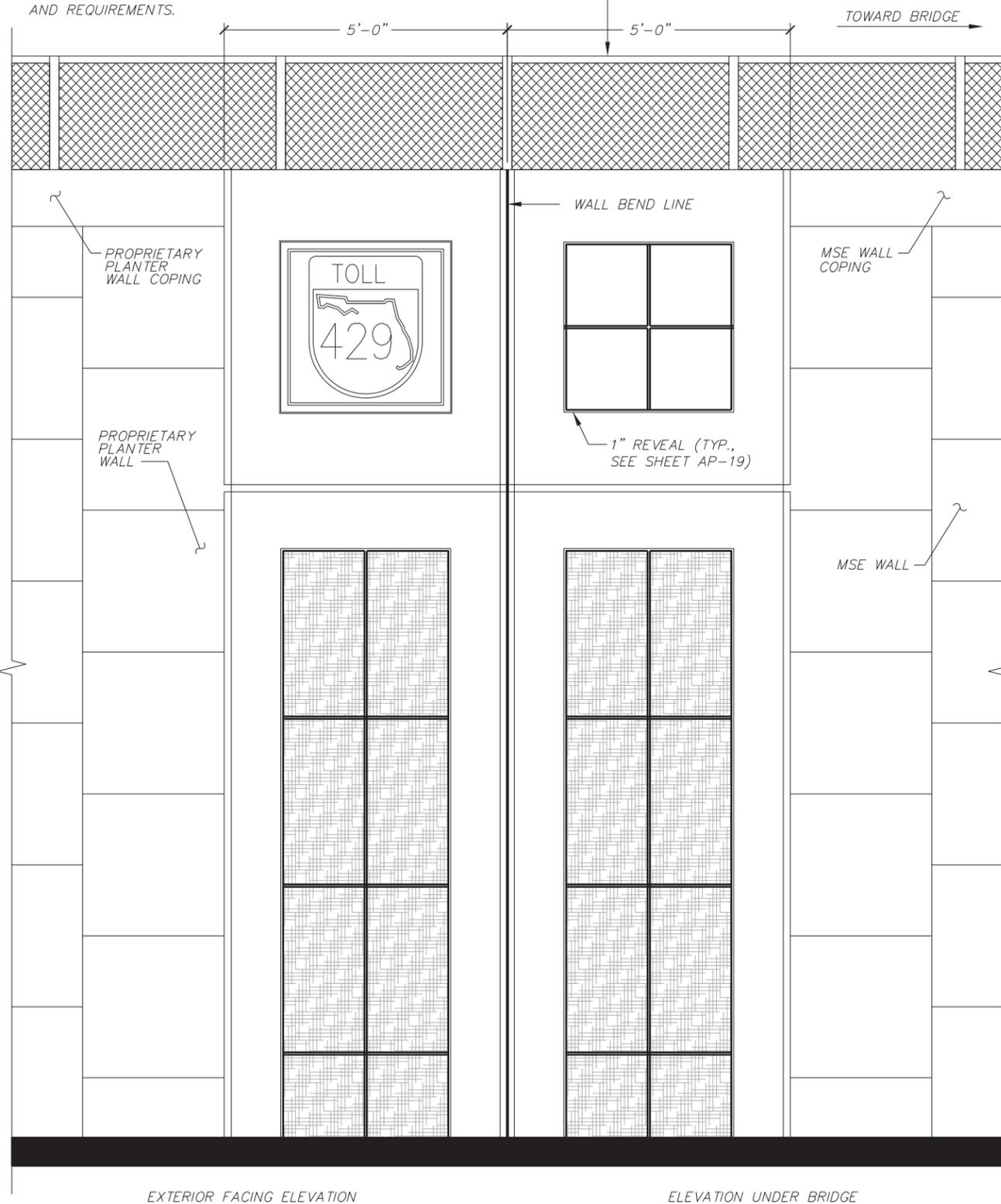
SECTION A-A
(CIP CANTILEVER RETAINING WALL SHOWN,
CIP GRAVITY WALL SIMILAR)

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	MISCELLANEOUS WALL SCHEMATICS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			AP-16
					SR 429	429-202			

NOTES:

- ELEVATIONS SHOWN ARE SCHEMATICS FOR ILLUSTRATIVE PURPOSES ONLY.
- REFER TO SHEETS AP-18 AND AP-19 FOR COLUMN DIMENSIONS AND REQUIREMENTS.

(H1) CHAIN LINK FENCE, 4' HEIGHT (TYPE B)



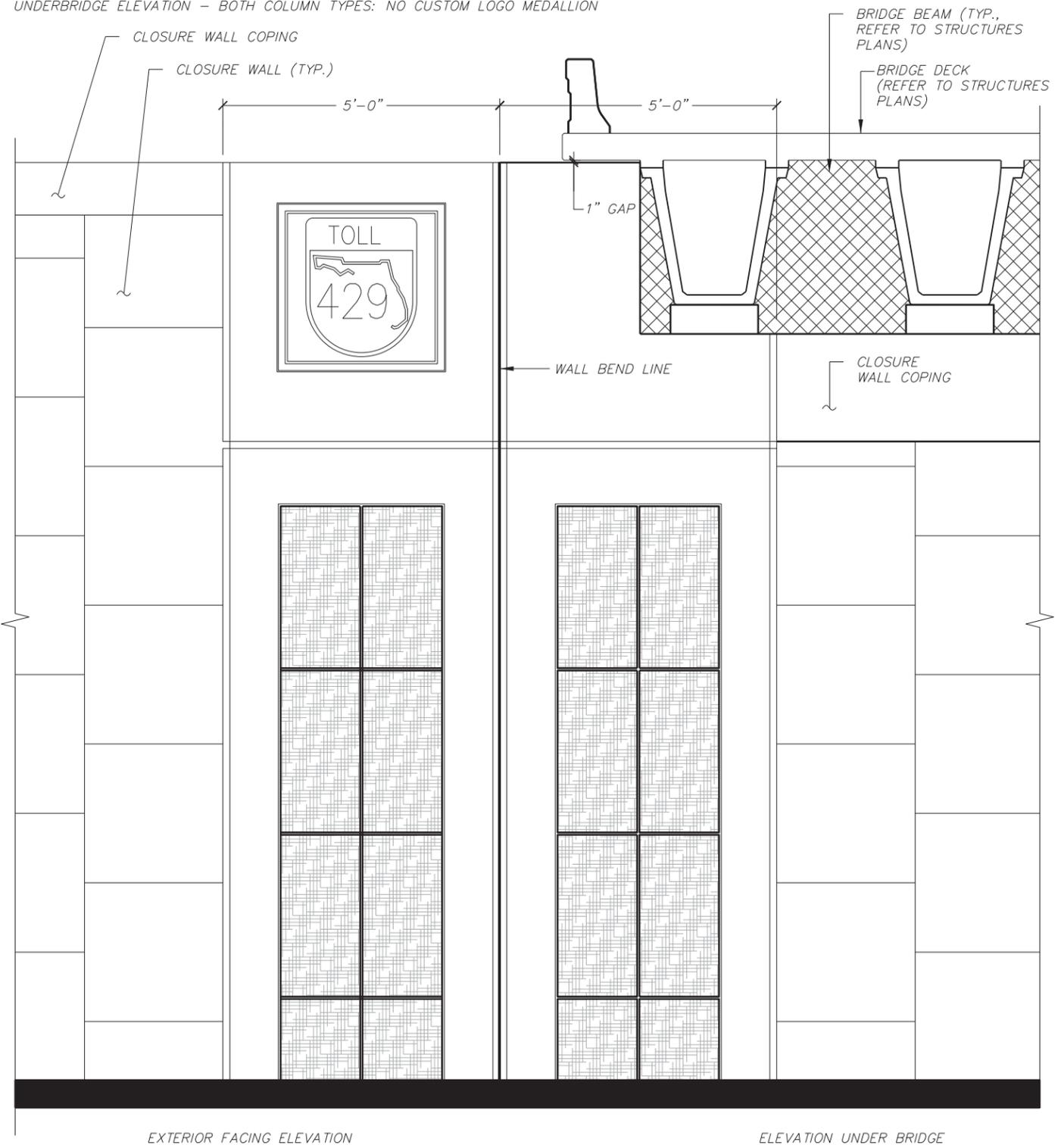
EXTERIOR FACING ELEVATION

ELEVATION UNDER BRIDGE

TYPE 1 WRAP AROUND PRECAST COLUMN
(LOCATED AT SOUTHFORK DRIVE)

MEDALLION PLACEMENT NOTES

- ELEVATION - RIGHT SIDE COLUMN: SR 429 CUSTOM LOGO MEDALLION
- ELEVATION - LEFT SIDE COLUMN: OPTIONAL CFX LOGO CUSTOM MEDALLION
- UNDERBRIDGE ELEVATION - BOTH COLUMN TYPES: NO CUSTOM LOGO MEDALLION



EXTERIOR FACING ELEVATION

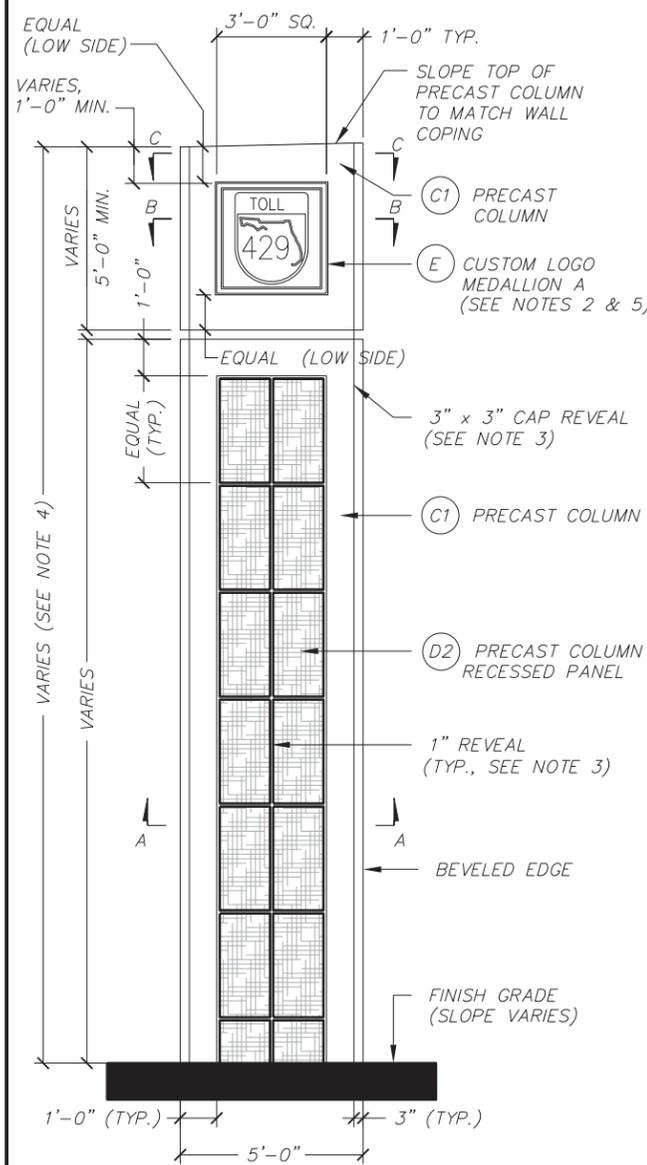
ELEVATION UNDER BRIDGE

TYPE 2 WRAP AROUND PRECAST COLUMN
(LOCATED AT CONNECTOR ROAD)

REVISIONS				ENGINEER OF RECORD: CHRISTOPHER J. MILLS P.E. LIC. NO. 56801 HNTB 610 CRESCENT EXECUTIVE CT., SUITE 400 LAKE MARY, FL 32746 (407) 805-0355 www.hntb.com CA NO.: 6500	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	PRECAST COLUMN SCHEMATICS (1 OF 3)	SHEET NO. AP-17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.			
					SR 429	429-202			

NOTES

- REFER TO SHEETS AP-01, AP-02, AP-04, AND AP-05 FOR ADDITIONAL REQUIREMENTS.
- REFER TO SPECIAL PROVISIONS AND SHEET AP-08 FOR CUSTOM LOGO MEDALLION DIMENSIONS AND REQUIREMENTS. REFER TO SHEET AP-19 FOR CUSTOM LOGO MEDALLION CONNECTION DETAIL.
- REFER TO SHEET AP-19 FOR SECTIONS AND DETAILS.
- REFER TO STRUCTURES PLANS FOR WALL HEIGHTS.
- THE ELEVATION UNDER BRIDGE FOR THE TYPE 1 WRAP AROUND PRECAST COLUMN IS SIMILAR TO THE EXTERIOR FACING ELEVATION WITH THE CUSTOM LOGO MEDALLION REPLACED WITH THE 1" REVGLA PATTERN SHOWN ON SHEET AP-17.
- THE CONTRACTOR SHALL COORDINATE WITH THE WALL SUPPLIER TO DETERMINE TOP OF LEVELING PAD ELEVATIONS THAT ACCOMMODATE THE PRECAST COLUMN FOUNDATION.
- ALL CONNECTIONS SHALL BE GALVANIZED STEEL. ALL EEL SHALL BE IN ACCORDANCE WITH ASTM A-709 GRADE 50 AND SHALL BE GALVANIZED PER ASTM A53 OR A123. CONNECTIONS SHALL BE HIDDEN OR DISGUISED AND SHALL NOT INTRUDE ON THE AESTHETIC APPEARANCE. BURIED CONNECTIONS SHALL ADDITIONALLY RECEIVE BITUMINOUS COATING AS EXTRA PROTECTION.

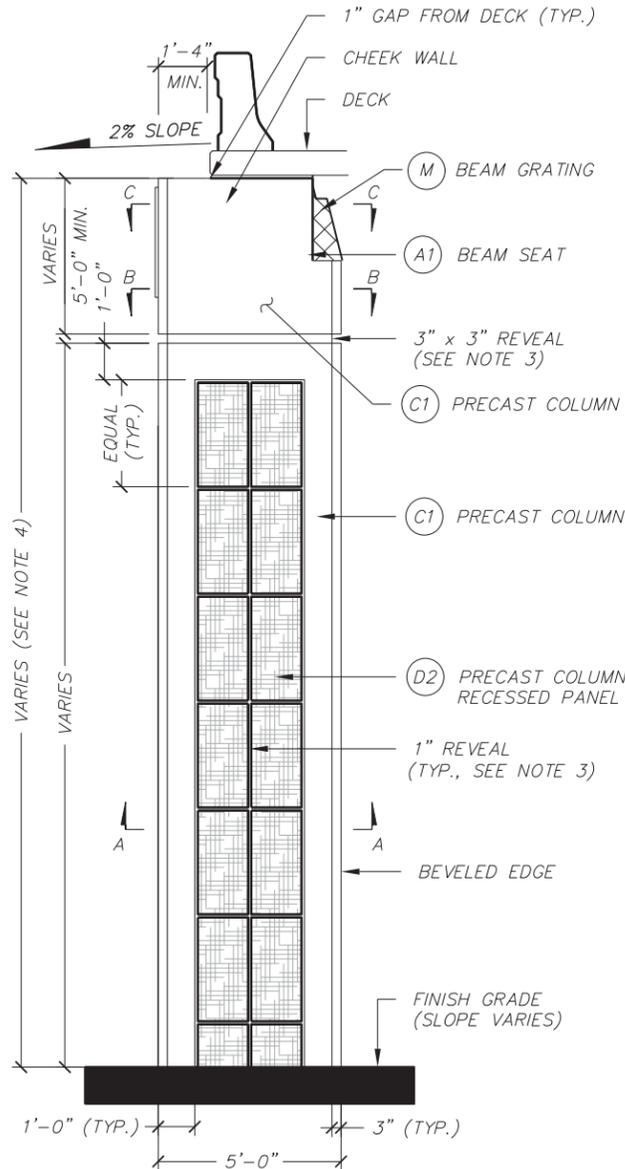


EXTERIOR FACING ELEVATION

(APPLICABLE TO SINGLE SIDED & TYPE 1/2 WRAP AROUND PRECAST COLUMN)

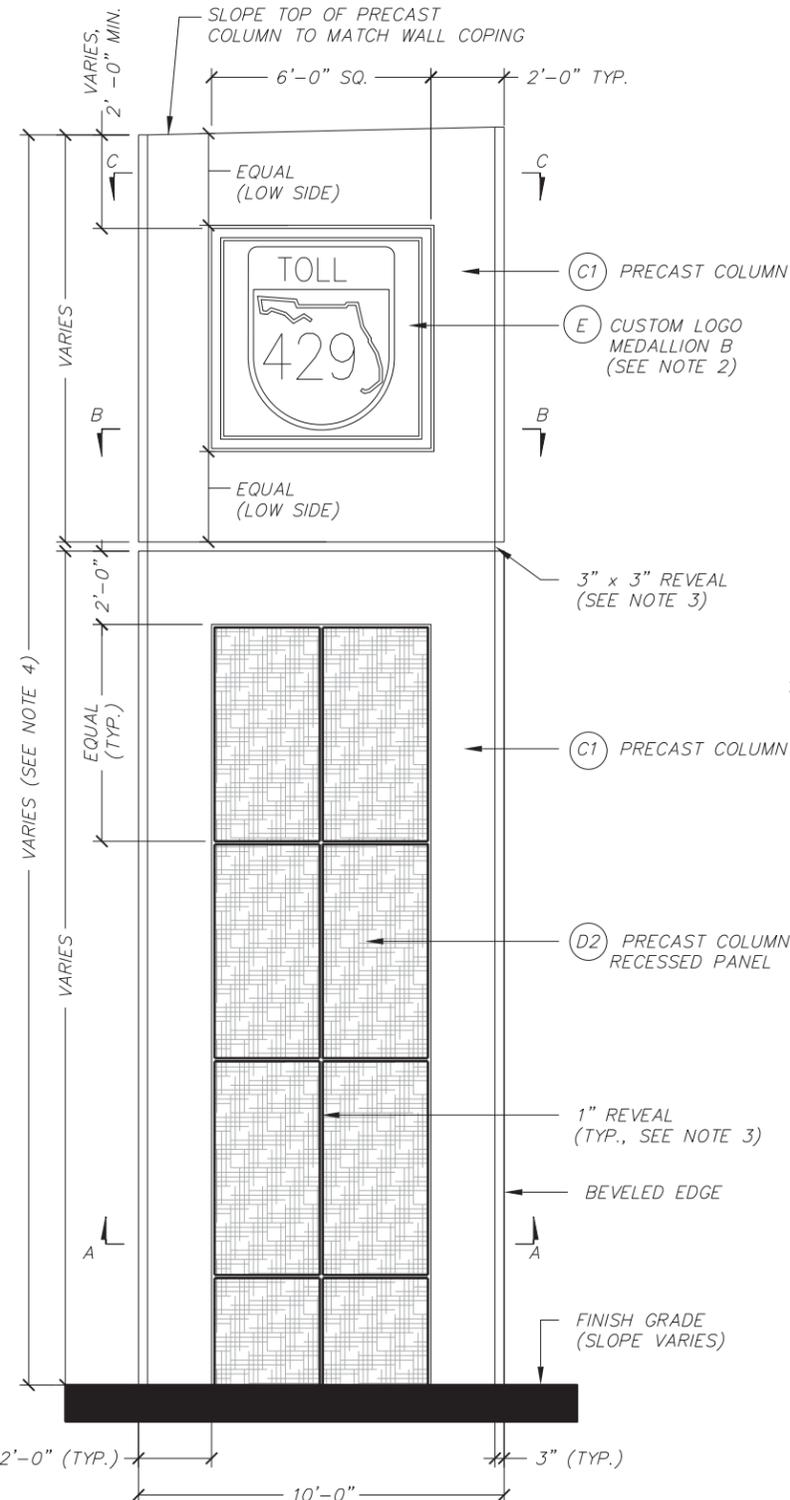
SINGLE SIDED & WRAP AROUND PRECAST COLUMN - 5' WIDTH

(LOCATED AT CONNECTOR ROAD AND SOUTHFORK DRIVE)



ELEVATION UNDER BRIDGE

(APPLICABLE TO TYPE 2 WRAP AROUND PRECAST COLUMN. FOR TYPE 1 SEE NOTE 5)



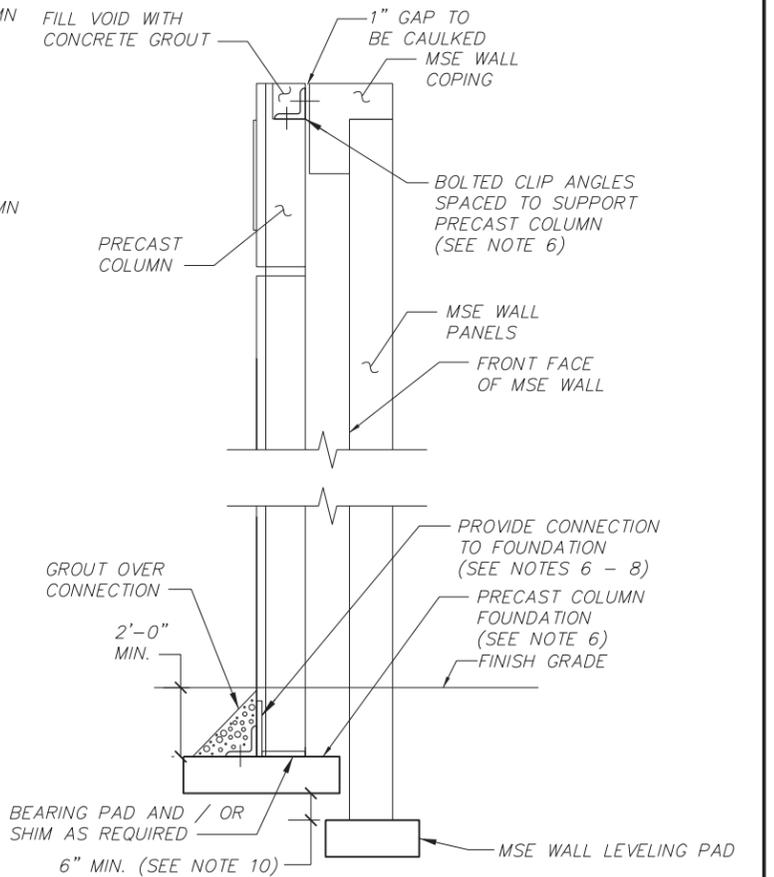
EXTERIOR FACING ELEVATION

SINGLE SIDED PRECAST COLUMN - 10' WIDTH

(LOCATED AT LOW AREA)

NOTES CONT.

- ALL PRECAST COLUMNS ALONG WITH CONNECTIONS AND FOUNDATION SHALL BE DESIGNED BY THE CONTRACTOR. THE CONTRACTOR MAY SUBMIT ALTERNATE DETAILS TO THOSE SHOWN IN THE PLANS, PROVIDED THEY DO NOT COMPROMISE INDICATED AESTHETIC REQUIREMENTS. THESE ALTERNATE DETAILS AND ALL FINAL DESIGNS AND DETAILS, ALONG WITH SUPPORTING CALCULATIONS, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. ALL DESIGNS, DETAILS, AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA. THE COST OF DESIGNING, DETAILING AND INSTALLING THE PRECAST COLUMNS (INCLUDING FOUNDATIONS, CONNECTIONS, AND OTHER INCIDENTAL ITEMS NECESSARY FOR ERECTION) SHALL BE INCIDENTAL TO PRECAST PANELS ARCHITECTURAL (COLUMNS) PAY ITEM 400-10 LS, UNLESS NOTED OTHERWISE. QUANTITIES, DIMENSIONS AND STATIONS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF PRODUCTION.
- THE CONTRACTOR SHALL SUBMIT FINAL DESIGN FOR REVIEW AS SHOP DRAWINGS. THE SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. SHOP DRAWINGS SHALL INCLUDE DETAILED DESIGN COMPUTATIONS AND ALL DETAILS AND DIMENSIONS NECESSARY FOR CONSTRUCTION, INCLUDING BUT NOT LIMITED TO:
 - SHOW ALL DETAILS OF EACH PRECAST COLUMN INCLUDING REINFORCING BAR SIZE, SPACING, BAR BENDING DETAILS, AND DETAILS OF ALL EMBEDMENTS AND ALL OTHER ELEMENTS INCORPORATED INTO THE PANEL.
 - SHOW ALL CONNECTION DETAILS.
 - SHOW ALL DETAILS OF THE FOUNDATIONS.
 - SHOW ALL DETAILS AT INTERSECTIONS WITH ADJACENT BRIDGE/WALL ELEMENTS.
- ALL DESIGNS SHALL BE IN ACCORDANCE WITH FDOT AND AASHTO STANDARDS LISTED IN THE BRIDGE PLANS.



PRECAST COLUMN TO MSE WALL CONNECTION

(PRECAST COLUMN CONNECTION TO MSE WALL SHOWN, CONNECTION TO CLOSURE WALL, PROPRIETARY PLANTER WALL AND CHEEKWALL SIMILAR)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

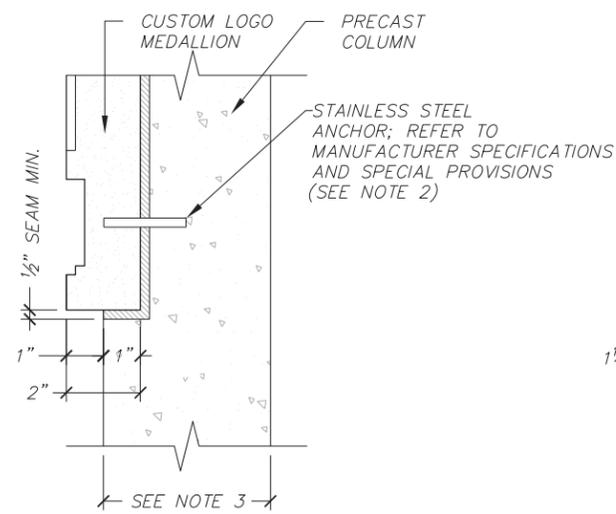
ENGINEER OF RECORD:
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-202

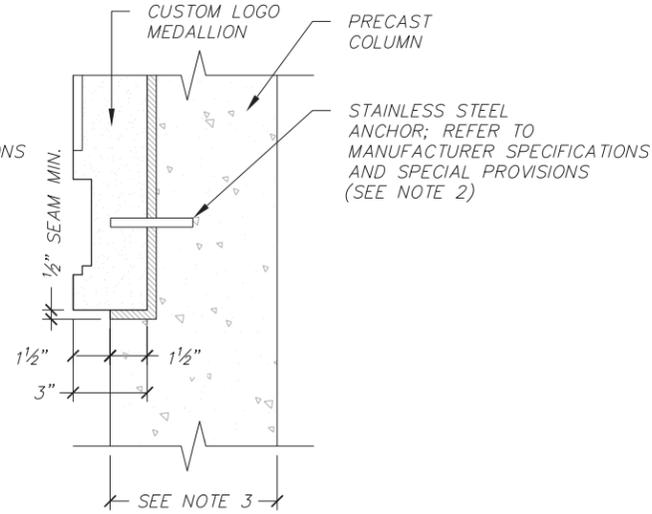
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

PRECAST COLUMN SCHEMATICS (2 OF 3)

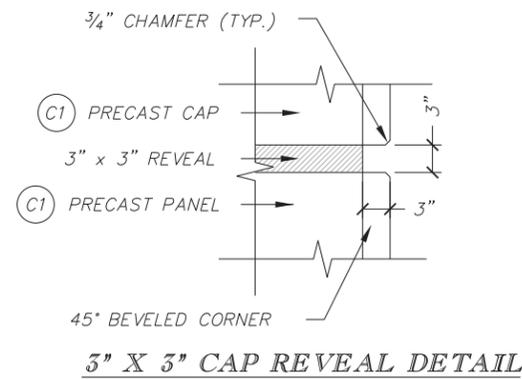
SHEET NO.
AP-18



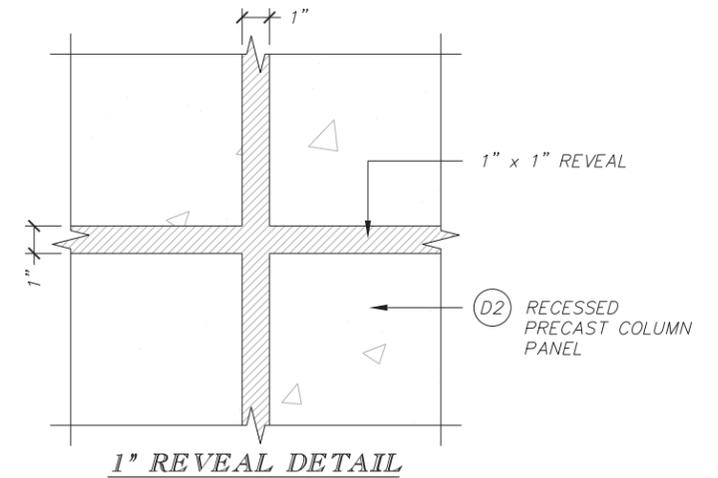
CUSTOM LOGO MEDALLION A CONNECTION DETAIL



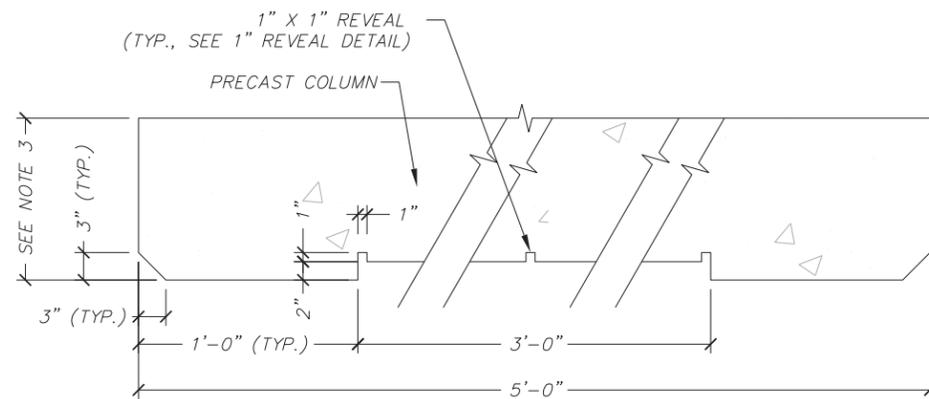
CUSTOM LOGO MEDALLION B CONNECTION DETAIL



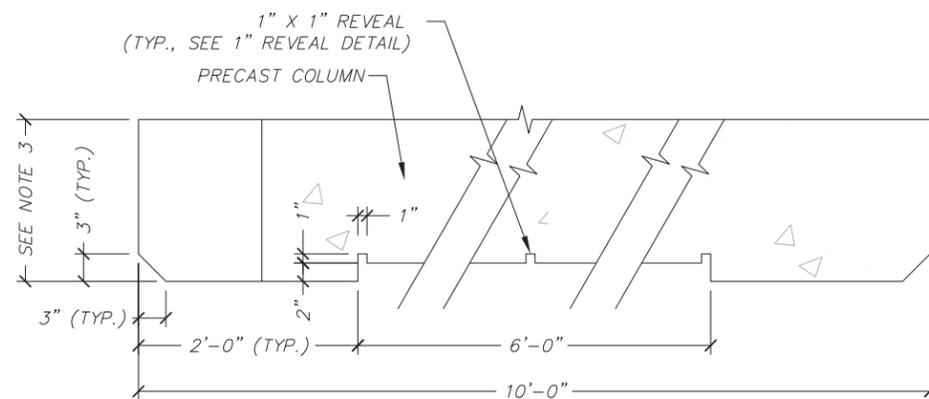
5" X 5" CAP REVEAL DETAIL



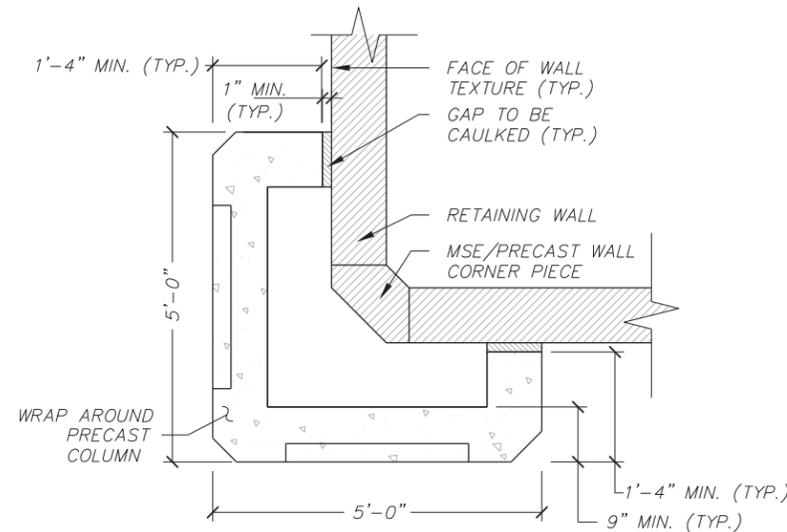
1" REVEAL DETAIL



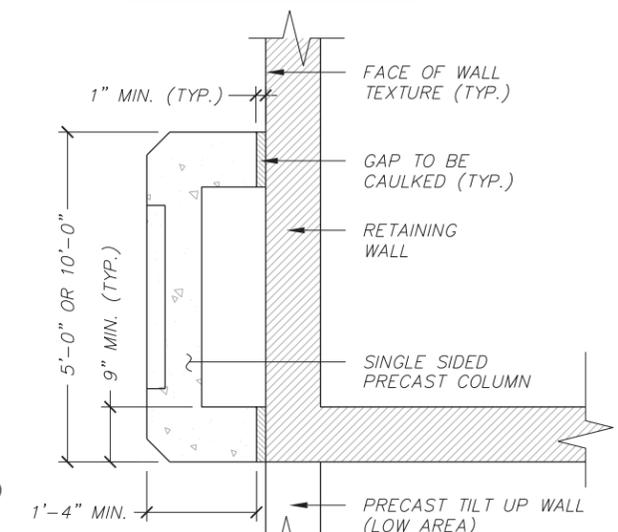
SECTION A-A - 5' WIDTH



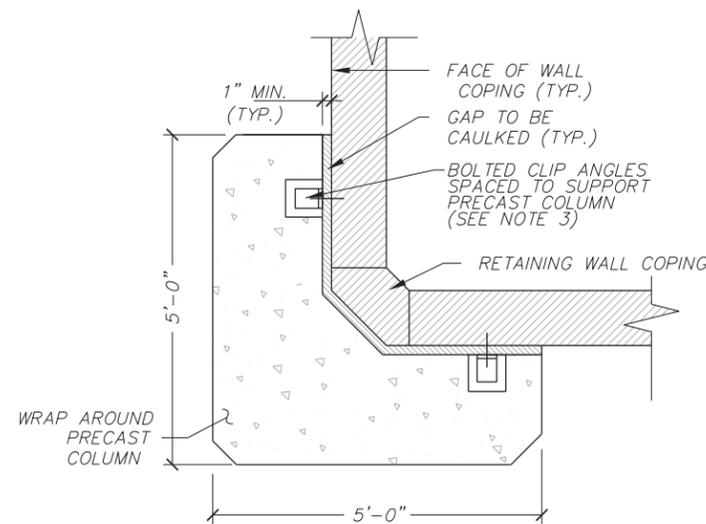
SECTION A-A - 10' WIDTH



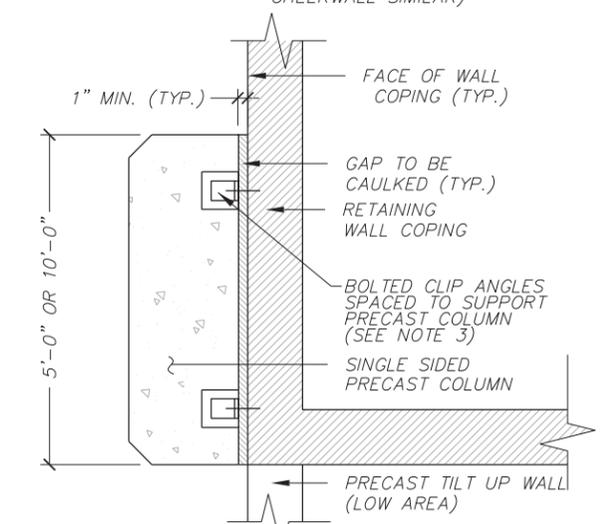
SECTION B-B - WRAP AROUND
(TYPE 1 SHOWN, TYPE 2 SIMILAR)



SECTION B-B - SINGLE SIDED
(PRECAST COLUMN SHOWN WITH RETAINING WALL, CHEEKWALL SIMILAR)



SECTION C-C - WRAP AROUND
(TYPE 1 SHOWN, TYPE 2 SIMILAR)



SECTION C-C - SINGLE SIDED
(PRECAST COLUMN SHOWN WITH RETAINING WALL, CHEEKWALL SIMILAR)

NOTES

1. REFER TO SHEETS AP-01, AP-02, AP-04, AND AP-05 FOR ADDITIONAL REQUIREMENTS.
2. REFER TO SPECIAL PROVISIONS AND SHEET AP-08 FOR CUSTOM LOGO MEDALLION DIMENSIONS AND REQUIREMENTS.
3. REFER TO SHEET AP-18 FOR ADDITIONAL NOTES.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
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ROAD NO.	PROJECT NO.
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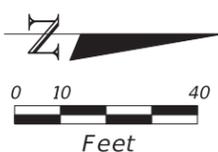
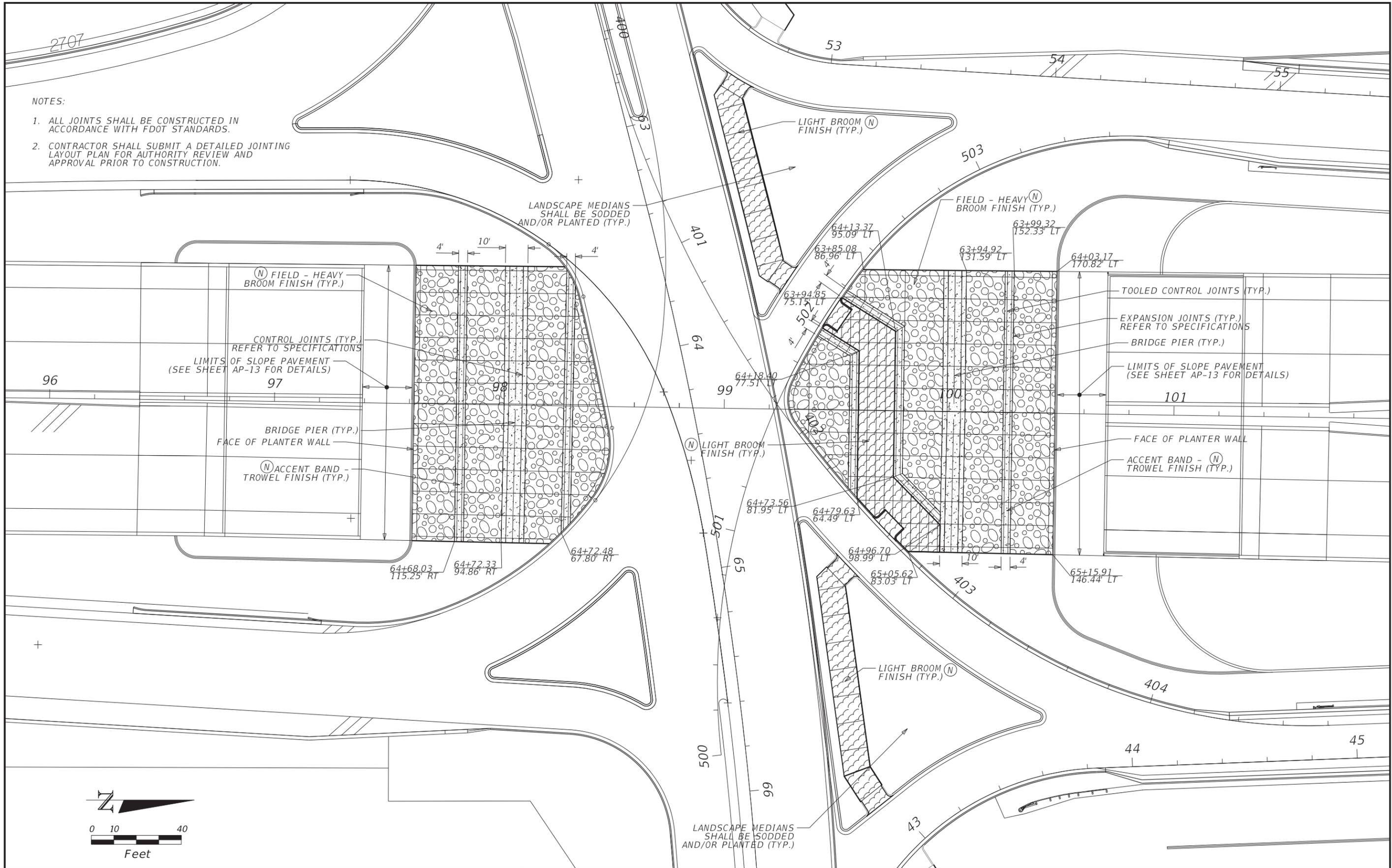
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

PRECAST COLUMN SCHEMATICS (3 OF 3)

SHEET NO.
AP-19

NOTES:

1. ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARDS.
2. CONTRACTOR SHALL SUBMIT A DETAILED JOINTING LAYOUT PLAN FOR AUTHORITY REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CONNECTOR ROAD PEDESTRIAN PAVING PLAN

SHEET NO.
 AP-20